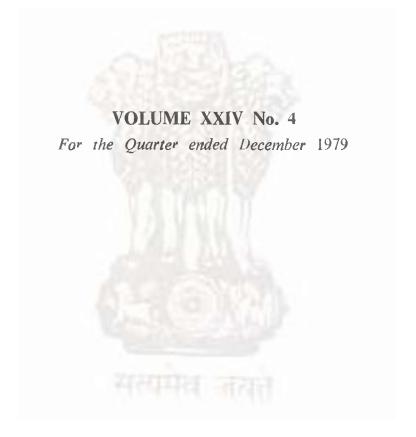
## ABSTRACT OF STATISTICS FOR TAMIL NADU



ISSUED BY
THE DIRECTOR OF STATISTICS
MADRAS



## ABSTRACT OF STATISTICS OF 'TAMIL NADU

VOLUME XXIV No. 4

FOR QUARTER ENDED DECEMBER 1979

ISSUED BY
THE DIRECTOR OF STATISTICS
MADRAS

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### **PREFACE**

The Abstract of Statistics for Tamil Nadu presents current statistics on select items of importance in the form of a compendium. This publication is intended to serve as an authoritative book of reference by Government Departments, Research Scholars, Statisticians, Economists, Planners, etc.

This issue covers in the main statistics for the Quarter ended December 1979 with comparative data to the extent available.

Chapters on "Economic Situation in Tamil Nadu" and 'Select Economic Indicators' high light the tempo of progress of Tamil Nadu.

A special feature of this issue is the inclusion of reports on-

- 1. Structural Changes in the Total quantum of Foreign Exports Through Tamit Nadu ports during 1960-61 to 1977-78.
- 2. Irrigation Statistics-Talukwise data for North Arcot District.
- 3. Unemployment among Teaching Graduates in Tamil Nadu.

The Co-operation extended by other Heads of Departments in furnishing the statistics required, is gratefully acknowledged.

MADRAS - 600 006, DATED 7TH MARCH 1980. V. SANKARAN, Commissioner of Statistics.

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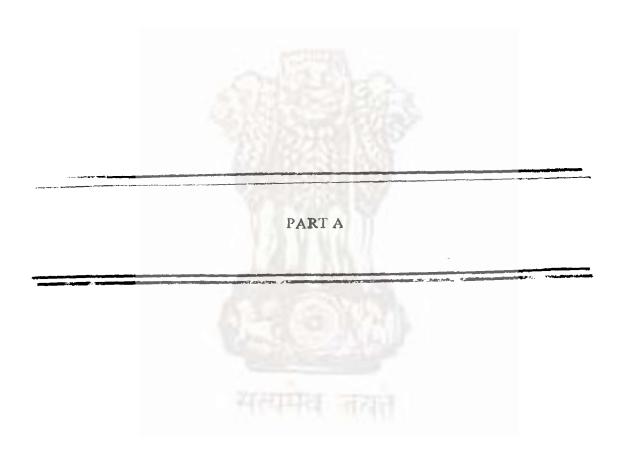
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### ECONOMIC SITUATION IN TAMIL NADU.

### RAINFALL.

The Noth-east monsoon set over coastal Tamil Nadu on 22nd October 1979. The monsoon rain was deficient in October excessive in November and deficient in December.

Due to the T ough line, upper cyclonic circulation and low pressure area formed in the bay thrice during October resulting in isolated rainfall. The rainfall of October was less than normal by 27 per cent.

During the month of November, monsoon was active due to the frequent accurance of low pressure area. This resulted in wide spread and heavy rainfall. The rainfall during this month was 121 per cent above the normal. In all the districts, the rainfall was excessive and particularly more than 100 per cent of the normal in North Arcot, Salem, Dharmapuri, Periyar, Coimbatore, Tiruchirappalli, Pudukkottai, Madurai, Ramanathapuram, Tirunelveli and The Nilgiris districts.

Low pressure area formed in the bay thrice during December and the rainfall was isolated. It was deficient by 41 per cent in December for the State.

For the season as a whole the rainfall was excessive in South Arcot, North Arcot, Periyar, Coimbatore, Tiruchirappalli, Pudukkettai, Madurai, Ramanathapuram, Tirunelveli and The Nilgiris districts and the other districts had normal rainfall. For the state, the North-east monsoon rainfall was excessive by 31 per cent.

Due to heavy rain, there were floods in Palar, Cheyyar, Vaigai, Amaravath, rivers and nearly 600 tanks were breached. 139 lives were lost in different districts of the State and damages were caused to properties and standing crops.

### WATER SUPPLY.

During the first month of this quarter, water supply was adequate in the State except in South Arcot, North Arcot, Ramanathapuram, Tirunelveli, Dharmapuri and The Nilgiris districts. The state felt the impact of heavy north-east monsoon rain in November 1979 and the water supply was adequate in all districts. All the rainfed tanks and irrigation sources were full particularly in southern dry districts of Ramanathapuram and Tirunelveli. In all the rivers, water was flowing.

### WATER LEVEL.

Due to the onset of north-east monsoon rains the water level in all the reservoirs of the State steadily increased and reached the maximum level. During November 1979 in Manimuthar Reservoir the water level was 108 feet, and an emergency was declared by the Public Works Department. The water levels in Papanasam and Manimuthar rose up to 27 feet and 18 feet respectively by the heavy rains between 8th November 1979 and 12th November 1979. The first flood warning went to Kerala as Periyar reservoir level rose to 143 feet on 12th November 1979 just 2 feet below the maximum, recommended by the Central water of Power Commission The biggest reservoirs in Coimbatore districts, Parambikulam and Amaravanthy were full, while the lower Bhavani started surplussing. It is good year of rainfall so far as irrigation sources are concerned.

### AGRICULTURE

The total geographical area of Tamil Nadu according to villages papers was 13.0 million hectars in 1977-78. Out of which, the net area sown accounted for 6.3 million hectares, the area cultivable but not cultivated showed 2.4 million hectares and the uncultivable land was 4.3 million hectares out of the 6.3 million hectares of net area sown 2.8 million hectares or about 45.0 percent was irrigated. The area sown more than once was 1.5 million hectares of which 0.9 million hectares or about 60.2 percent was irrigated.

### INDEX NUMBERS OF AGRICULTURAL ECONOMY.

The index Numbers of area under crop, yield, production, cropping intensity and productivity per hectare for 1978-79 (p) has increased by 2·2; 6·2; 9·5; 2·1; 0·3; 9·1; points respectively when compared with the previous year 1977-78. The index of cropping pattern has decreased by 0·3 points from 1977-78 to 1978-79.

### B1 147-2 2a

### COCONUT AND ARECANUT.

According to the provisional estimates of coconut and Arecanut survey, the estimated aresunder coconut in Tamil Nadu for 1978-79 was 110,720 hectares and its total production was 1056-60 million nuts. When compared with the previous year the estimated area and production of coconut showed an increase of 0.9 percent and 1.7 percent respectively. The estimated area under arecanut was 4160 hectares with the total production of 2,947 tonnes of cured arecanuts recording an increase of 2.5 percent and 2.3 percent respectively over the previous year.

### MINOR CROPS.

During 1977-78 the total area for the districts covered under onions, chillies, potato (winter and summer combined) and Tapioca was 18045, 77961, 11424 and 50878 hectares respectively, while the estimated production of these crops was 189 360, 64550, 99450 and 126 2890 tonnes respectively.

### CROP PROSPECTS.

The North east monsoonic showers were in time during the beginning of the quarter, giving an alluring impetus to the agricultural operations in the State. The State had experienced heavy, vehement downpour during the middle of the quarter due to the fierce outbreak of North East monsoon; the rains caused copious supply of water to almost all tanks and reservoirs of the state enriching the irrigational potentiality and ensuring sufficient water supply for the crops of the Rabi, Summer seasons.

The coin, however is not without the other side. The set back suffered due to heavy flood havoc in Madurai, Ramanathapuram and Tirunelveli districts were being overcome with quick and more effective remedial measures, taken especially with reference to Agricultural sector.

The standing samba and thaladi paddy crops were submerged in water in certain regions of Thanjavur district. The late transplanted kuruvai paddy which got matured and about to be harvested also suffered badly in certain pockets.

Paddy fields were reported to be under water in some parts of South Arcot, Tiruchirappalli, Tirunelveli and Kanniyakumari districts for certain period during the time of continuous rains.

Transplation of samba paddy was almost completed in all the districts.

Sugarcane crop was being harvested extensively in South Arcot and Coimbatore districts. The harvest of Kuruvai paddy in Thanjavur district had been completed.

Groundnut crop was harvested extensively in Dharmapuri District. The out turn was normal.

The standing thalady and samba paddy were in good conditions in Thanjavur district.

With adequate water supply from Ponniyar reservoir the standing crops in Tiruchirappall District were coming up well. The standing crops in Salem District were better nourished with bounteous supply of water from Mettur Dam.

The supply of water from Peachiaparai and Perunchani reserviors in Kanniyakumari district and Lower Bhavani Project and Kalingarayan Channel in Periyar District had ensured conducive growth conditions of the standing crops in those regions and better results anticipated.

Severe frost winter season is now prevailing in the Nilgiris District during night time. It is feared that the standing crops particularly potatoes, tea, coffee and Vegetables will have a very bad effect on account of frost.

The condition of the standing crops in all other districts of the State is good.

### INDUSTRIES.

Industrial production in Tamil Nadu increased by 12.3 per cent during the quarter ended September 1979 as the average general index increased from 159.8 in the quarter ended June 1979 to 179.4 in the Quarter ended September 1979. The increase in the General Index was mainly due to increase in cotton yarn, Railway wagons and Electricity Generated. The Mining Manufacturing and Electricity sectors, recorded an increase of 17.7 per cent, 9.3 per cent and 27.5 per cent rspectively.

Significant increases in production were noticed in respect of Magnestite, Cotton Yarn, Right Pressure Boilers and fittings, railway wagons and electricity generated.

However sizable decreases in output were observed in respect of Gypsum, Sugar (Refined), Varnishes, Paints and Enamels, Tractors, Motor Cycles and Synthetic Gem Stones.

### HANDLOOM.

The Production of Handloom Cloth in Tamil Nadu during the quarter ended September 1979 was estimated at 16, 14,31,000 metres as against at the 16,77,77,000 metres during the previous quarter; The decrease is just 3.78 per cent. This fall in the production of Hnadloom Cloth was mainly due to the Textile Mills, strike throughout Tamil Nadu during the quarter under review. As a result there was spurt in yarn prices and weavers were not in a position to get enough yarn.

### JOINT STOCK COMPANIES.

During the quarter ended December 1979, 8 public companies and 100 private companies were newly registered as against 7 public companies and 74 private companies during the previous quarter.

The total authorised capital of newly registered public and private companies during the quarter ended December 1979 was Rs. 1,245.99 lakhs as against 866.30 lakhs during the previous quarter.

During this quarter under review and as well as the previous quarter no company went into liquidation.

### BLECTRICITY.

During the quarter ended December 1979 the generation of electricity was 2,062 million units as against 2,075 million units during the previous quarter.

The total consumption of electricity increased from 2,039 million units during the quarter ended June 1979 to 2,137 million units during the quarter ended September 1979.

During the quarter ended December 1979, 10,579 agricultural pumpsets were energised.

### TRANSPORT.

During quarter ended September 1979 the total number of newly registered motor vehicles in Tamil Nadu was 7,147 as against 7,238 during the previous quarter.

INDEX NUMBERS OF WHOLESALE PRICES IN TAMIL NADU (BASE YEAR 1970-71=100).

The revised series of index numbers of wholesale prices in Tamil Nadu with base year 1970-71 has been published from the month of July 1979. The wholesale price index number in Tamil Nadufor the quarter ended December 1979 advanced by 5.84 per cent to 218.10 points as against 206.07 in the previous quarter.

### CONSUMER PRICE INDEX NUMBER.

(BASE 1960 = 100).

During the quarter ended December 1979, the consumer Price Index Number advanced in all the centre, Madras City, Cuddalore, Tiruchirappalli, Madurai, Coimbatore, Nagercoil and Coonoor.

### RURAL PRICE INDEX NUMBER IN TAMIL NADU.

(Base year 1970-71=100).

The revised series of rural price Index Number in Tamil Nadu is published from the month of July 1979. The rural price index number in Tamil Nadu for the quarter ended December 1979 increased by 7.95 per cent to 212.46 points. The corresponding index number for the previous quarter was 196.81.

### CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES.

During the quarter ended December 1979 the Consumer Price Index Number for urban, non-manual employees advanced at all the centres, viz., Madras City, Madurai and Tiruchirappalli.

### INDEX NUMBER OF PARITY.

(Base Year 1954-55-100)

During the quarter under review the index of prices received by the farmer moved down by 6.94 per cent to 402 points. The index number of prices paid by the farmer however moved up by 3.13 per cent to 658 points.

The index of parity also moved down by 10.29 per cent to 61 points.

### TRADE.

The total quantum of foreign trade through the ports in Tamil Nadu during the year 1978-79 was of the order of Rs. 1,555 crores, of which exports accounted for Rs. 652 crores and imports Rs. 903 crores. As compared with the year 1977-78, the exports and imports show an increase of 21 per cent and 85 per cent respectively.

### EMPLOYMENT.

The total number of employment seekers on the live Register of Employment Exchanges at the end of Quarter ended December 1979, decreased by 0·1 per cent when compared with the previous quarter. The number of persons registered in the Exchanges during this quarter decreased by 27·8 per cent when compared with the previous quarter. The placements made through the employment Exchanges during this quarter increased by 10·4 per cent, when compared with the previous quarter.

### LOCAL BODIES.

As on 31st March 1978 there were 2 Corporations, 3 Special Grade, 10 Selection Grade, 25 First Grade, 33 Second Grade, 25 Third Grade Municipalities and 8 Township Committees in the State.

# PART B<sub>0</sub>



## STRUCTURAL CHANGES IN THE TOTAL QUANTUM OF FOREIGN EXPORTS THROUGH TAMIL NADU PORTS DURING 1960-61 TO 1977-78.

Foreign exports play a vital role in the economic growth of a nation. It is more so in the case of a developing country like India. Underdeveloped countries depend mostly upon the imports from other countries for capital formation and industrialisation. As the imports will have to be paid for only by exports, there is a plight among developing countries to increase the quantum of exports. In the following paragraphs, the changes that have taken palce in the total quantum of exports through the Tamil Nadu ports during 1960-61 to 1977-78 are discussed in detail.

- 2. There are 4 sea ports and two air ports through which imports and exports are carried on in Tamil Nadu. They are (1) Madras Port, (2) Cuddalore Port, (3) Nagapattinam Port and (4) Tuticorin Port and (1) St. Thomas Mount Air Port and (2) Tiruchinappalli Airport. The total quantum of exports—carried—through—these ports—increased from Rs. 63—c.ores during 1960-61 to Rs. 539 crores during 1977-78. The increase was quite gradual. The export doubled itself from Rs. 63 crores in 1960-61 to Rs. 130 crores during 1967-68. The increase was four-fold during 1972-73 (Rs. 252 crores) as compared to 1960-61 (Rs. 63 crores). The Index number of exports for the year 1977-78 works out to 855 using 1960-61 export figures as base or 100.
- 3. It would be quite interesting to watch the figures of exports through Tamil Nadu ports as compared to All India Exports. The exports through Tamil Nadu Ports have increased in conformity with the All India exports, keeping the same pace of growth. The All India Exports increased from Rs. 640 crores during 1960-61 to Rs. 5,595 crores during 1977-78, the increase being 8-6 times during 1977-78 as compared to 1960-61. Simil rly, the exports through Tamil Nadu ports also rose from Rs. 63 crores during 1960-61 to Rs. 539 crores during 1977-78 the increase being 8-5 times during 1977-78 as compared to 1960-61. It is also observed that there were no remarkable changes in the share of Tamil Nadu ports in All India Exports. The least contribution of Tamil Nadu ports All India Exports was 9-2 per cent during 1974-75 and the maximum share was 13-7 per cent during 1969-70. On the whole, the percentage contribution of Tamil Nadu Ports to All India Exports ranged between 9-2 per cent to 13-7 percent during the years 1960-61 to 1977-78.
- 4. The growth of exports through Tamil Nadu ports was considerable when compared with imports. The exports increased by 8.5 times during 1977-78 as compared to 1960-61 while the imports grew only by 5.1 times during the above period. The ration between exports and imports was 1:2;4 and 1:2.6 during 1966-67 and 1967-68 respectively. It was 1-2 during 1965-66 and 1968-69; 1:1.7 during 1964-65 and 1974-75; 1:1.6 during 1962-63; 1970-71 and 1971-72; 1.15 during 1960-61, 1962-63 and 1973-74; 1:1 during 1972-73, 1975-76 and 1976-77. During the year 1977-78 the ratio between exports and imports fell to the lowest level of 1:0.9 which mean the total quantum of exports was more than the total quantum extraports during the year.
- 5. It is heartening to see that the exports through Tamil Nadu Ports have gained momentum from 1975-76. The exports increased from Rs. 302 crores dering 1974-75 to Rs. 452 crores, Rs. 522 crores and Rs. 539 crores during the year 1975-76, 1976-77 and 1977-78 respectively. During this period, the total quantum of exports has not only equalled with the imports also exceeded the total quantum of imports. The ratio between exports and imports was 1:1 during 1975-76 and 1976-77 and 1:0.9 during 1977-78. To sum up, a very conducive atmosphere is prevailing as far as the exports through Tamil Nadu ports are concerned.

### IRRIGATION STATISTICS.

Talukwise data for North Arcot district.—Detailed Planning requires data not only at the district level as at present but also for lower administrative units. In view of the above aim, the data on irrigation on a Talukwise basis for North Arcot district are presented in the following pages.

Table No. I, Number Irrigation Sources by Taluks.—Gudiyatham taluk ranks first in the district with 346 Government canals followed by Tirupathar which has 92 Government canals. There are no private canals in the district. Cheyyar has 32 tube wells and ranks first among the taluks followed by 19 tube wells in Arkonam taluk. Arcot taluk has only 3 tube wells. There are no tube wells in the remaining ten taluks.

Gudiyatham taluk tops in the list having the number of wells used for irrigation purposes with 34,738, followed by Tiruvannamalai taluk, which has 29,272 wells. Chengam taluk has, one Reservoir and no other taluk has Reservoir in the district.

Wandiwash taluk has 470 tanks and ranks first, followed by Cheyyar taluk which has 375 tanks and both account for 14.7 per cent and 11.8 per cent respectively in the district.

Table No. II, Talukwise net area irrigated and gross area irrigated.—Government conals, tube wells and ordinary wells are chief source of Irrigation in the district. Among them ordinary wells ranks first, which accounts for 1,37,226 hect res of net area irrigated, followed by anks, which irrigates an area of 98, 313 hectares. The net area irrigated by tube wells in the least being only 1,163 hectares. Cheyyar taluk leads in area irrigated more than once, i.e., 17,243 hectares, which account for 21.9 per cent.

TABLE NO . 1.

Number of Irrigatoin Sources by Taluks.

Number of irrigation Sources. Taluk. Other wells used for irrigation purposes only. Government Private Tube canals. canals. wells. Non-L Masonray. Masonary. Total. (3) (4) (5) (6) (7) (1) (2) 67 1 Vellore ... 15 3 2 Arcot . . . . 9 3 Walaja ... 60 15 19 7 2 11 4 Arakonam 32 38 5 Cheyyar 16 Arni 3 9 1 10 7 Wandiwash 10 53 53 3 Tiruvannamala 9 Polur 34 42 10 Chengam 43 17 5 92 23 1 Tirupathur 22 9 12 Vaniambadi 346 . . 13 Gudiyatham ٠. 54 146 16 District Total 748 162

m to t			Other wells	used for Irrigation Private.	Grant total of wells of all types used	Percentage of number of wells in each	
Teluk.			Masonary.	Non-Masonary.	Total.	for Irri- gation,	taluk to total in the district.
1 Vellore (1)	• •	• •	(8) 18,340	(9) 1,382	(10) 19,722	(11) 19,722	(12) 7·1
2 Arcot	••	• •	19,307	1,961	21,268	21,268	7.6
🕏 Walaja	• •	••	14,967	3,376	18,343	18,358	6.6
4 Arakonam	••	••	10,380	2,128	12,508	12,519	4.5
5 Cheyyar		••	15,914	3,841	19,755	19,755	7-1
6 Arni		••	8,507	5,463	13,970	13,970	5.0
7 Wandiwash	••	••	22,105	3,093	25,198	25,208	9.0
8 Tiruvannamalai		••	<b>25,</b> 857	3,362	29,219	29,272	10.5
9 Polur		••	12,776	735	13,511	13,511	4.9
10 Chengam			21,180	1,642	22,822	22,864	8.5
11 Tiruppthur	o •		12,129	8,478	20,607	20,629	7-4
12 Vaniayambadi	•	• •	19,423	7,072	26,495	26,504	9.5
13 Gudiyatham			<b>26,</b> 798	7,940	34,738	34,738	12.5
District Total	••	••	2,27,683	<b>5</b> 0,4 <b>7</b> 3	2,78,156	2,78,318	100.0

TABLE No. 1-cont.

				Wells	Wells not in	Reservoir	-		Percentage – of number		
Tai	Taluk.			used , or domestic purposes	use.	,	With Ayacut of A 100 acres and more.	With lyacut less than 100 acres	Total.	of tanks of tanks n each taluk to total in the district.	
(1)				(13)	(14)	(15)	(16)	(17)	(18	(19)	
1 Veltore				2,201	1,382		34	83	117	3*7	
2 Arcot	••	••	••	2,188	1,506	••	83	72	155	4-9	
3 Walaja	• •	••	• •	3,151	2,579	• •	67	199	266	8.3	
4 Arakonam	••		••	3,211	1,879	••	104	183	287	9.0	
5 Cheyyar	••	••	••	7,895	1,219	••	208	167	375	11.8	
6 Arni	••	••	••	3,988	76 <b>5</b>	••	103	149	252	7•9	
7 Wandiwash	••	• •	• •	23,185	3,105	• •	105	365	470	14•7	
8 Tiruvannama	lai			2,563	834		65	278	34 <b>3</b>	10.8	
9 Polur	••	• •	• •	• •	828	••	45	180	225	7-1	
10 Chengam	••		• •	1,405	2,174	1	52	176	228	7:1	
11. Tirupathur	••	• •	• •	6,196	737	••	23	226	249	7.8	
12 Vaniyambadi				4,389	853		4	93	97	3.0	
13 Gudiyatham	٠		• •	7,803	2,102	••	34	91	125	<b>3</b> · 9	
District	Total	• •	. ••	68,175	19,963	1	927	2,262	3,189	100-0	

TABLE No. 11

TABLE No. 11

TABLE No. 11

(Area in hectares.)

Net area Irrigated by									
Taluks.		Govern- ment. canals.	Private canals.	Tanks.	Tube wells.	Ordinary wells.	Other sources.	Total Net area irrigated.	irrigated more than once.
		(2)	(3)	(4)	(5)	(6)	(7)	(8)	<b>(9</b> )
1 Vellore		789	• •	874		13,459	397	15,519	333
2 Arcot		1,708		6 <b>,0</b> 97	1	4,312	720	12,838	6,723
3 Wala <b>ja</b>		2,567	٠.	4,630		5,870	12	13,079	4,862
4 Arakonam		622		15,514	97 <b>7</b>	9,311		26,424	16,969
5 Cheyyar		993		16,134	185	6,459	243	24,014	7,243ء
6 Arani		196		4,198	* *	4,416	731	9,541	7,327
7 Wandiwash		**		24,786		5,815		30,501	••
8 Tiruvannamalai		3,338	A 111	6,903		17,824		28,065	••
9 Polur				8,992		17,648	208	• 26,848	8,715
10 Chengam		2,837		3,728		10,302		16,867	8,562
11 Tirupathur		582		3,499		8,750	88	12,919	4,149
12 Vaniyambadi		2,297		1,343		11,851	225	15,716	3,892
13 Gudiyatham		3,436		1,615		21,209	• •	26,260	
District Total		19,365	* *	98,313	1,163	1,37,226	2,624	2,58,691	78,775

	<b>Talu</b> ks				Gross Area —			each talu area irrig		Percentage for each taluk to district.			
					irrigated.	Govern- ment canals.	Tanks.	Wells (sole- igation)	Other sources.	Total net area irri- gated.	Area irri- gated more than once.	Gross area irri- gate <b>ā</b> .	
. 1	Vellore		, ,	* /	(10) 15,851	(11) 4·1	(12)	(13) 9·8	(14) 15·1	(15) 6·0	(16) 0·4	(17) 4·7	
2	Arcot				19,56!	8.8	6.2	3.1	27-4	5.0	8.5	5•8	
3	Walaja				17,941	13-3	4.7	4.3	0.5	5-1	6.2	5.3	
4	Arakonam	, 4			<b>43,3</b> 93	3.2	15.8	6-8		10.2	21-5	12.9	
5	Cheyyar	• •			41,257	5.1	16.4	4.7	9.3	9.3	21-9	12-2	
6	Arani				16,868	1.0	4.3	3.2	27.9	3.7	9.3	5.0	
7	Wandiwash				30,631		25· <b>2</b>	4.2		11.8		9.1	
8	Tiruvannamalai				28,065	17-2	7.0	13.0		10.8	••	8.3	
9	Polur	• •			35,563		9-1	12-9	7.9	10.4	11-1	10.5	
10	Chengam				25,429	14.7	3.8	7.5		6.5	10.9	7.5	
11	Tirupathur				17,068	3.0	3.6	6.4	3.3	5.0	5-3	5·1	
12	Vaniambadi	•			19,608	11.9	1.4	8.6	8-6	6.1	4.8	5-8	
13	Gudiyatham		••		26,260	17.7	1.6	15.5		10.1		7.8	
	District Total				3,37,466	100-0	100-0	100.0	100.0	100.0	100.0	100-0	

### III. UNEMPLOYMENT AMONG TEACHING GRADUATES IN TAMIL NADU-

Object of the survey.—The bject of the survey are to assess (i) the proportion of employed persons among the teaching degree holders in Tamil Nadu who were registered with employment exchanges, (ii) characteristics of unemployment of registrants in the employment exchanges and (iii) the utilisation pattern of employed job-seekers registered in Employment Exchanges and the extent of unemployment and under employment among them.

The study covers on a sample basis all the B.T., B.Ed., M.Ed., degree holders borne on the Live-Registers of the Employment Exchanges in Tamil Nadu as on 31st December 1976.

Sampling Technique and sample size.—A startified unistage random sampling technique was adopted for the survey, where the districts formed the strata and the B.T., B.Ed. or M.Ed. degree holders registered with the Employment Exchanges formed the sampling unit. There were 7,412 graduates on the Live-Registers of the Employment Exchanges including University Employment Information and Guidance Bureau as on 31st December 1976. A 10 per cent sample in each district was selected for the State as a whole 740 graduates were selected for the conduct of the survey.

Results of the survey - The proportion of the teaching graduates job-seekers was found to be higher in the districts of Madras, North Arcot, Coimbatore and Kanniyakumari (constituting about 10—12 per cent of the registered) as per the Live-Register figures of the Employment Exchanges in the State. The lowest percentage of the job-seekers is found in the districts of South Arcot, The Nilgiris and Pudukkottai.

Out of 619 graduates who responded for the survey, 135 constituting 22 per cent of the total, were already in some jobs or other. The percentage of employed job-seekers were more predominent in the districts of Tiruchirappalli and Chengalpattu. An analysis of the employed teaching graduate job-seekers reveals that 75 per cent of them are in teaching profession while nearly 25 per cent of them are in non-teaching profession.

Distribution of job-seekers by age and sex.—It is observed that, nearly 61 per cent of the registrants were in the age group of 25-29, 24 per cent come under the age group of 20—24 and remaining 15 per cent come under the age group of 30 and above. Considering the registrants, who were actually unemployed, about 51 per cent of the job-seekers are men and 49 per cent are women and that of the employed job-seekers the percentage of men being 64 per cent and that of women 36. The maximum percentage comes in the age group of 25—29 followed by 30 per cent in the age group of 30 and above and the remaining 11 per cent in age group of 20—24.

Distribution of job-seekers by Community and marital status.—Seventy per cent of the job-seekers belong to backward Communities 5 per cent either Schedule Caste or Scheduled Tribes and the remaining 25 per cent in other category.

Among the Backward Communities 55 per cent were men and 45 per cent were women, whereas in the category of Schedule Caste/Scheduled Tribes, 65 per cent were men and 35 per cent were women. 56 per cent of the total job-scekers were never married and 44 per cent were married job-scekers.

Activity status of Registrants.—It is observed that out of the teaching graduates who obtained B.Ed., degree, only 1 per cent go in for post-graduation. Of the teaching job-seekers, 47 per cent are women.

Considering the B.Ed. degree holders alone it is noticed that 14 per cent of the registrants employed are men and 7 per cent are women. Of the registrants (B.Ed.), who are actually unemployed 42 per cent are men and 37 per cent are women.

Employment of job-seckers in different sectors.—Fifty two per cent of employed job seekers were in private sector. 30 per cent in State Government, 13 per cent in local bodies and 4 per cent in the State Quasi Government. Only one per cent of the teaching graduate job-seekers were self-employed.

Distribution of employed registrants by monthly earning.—The monthly earnings of teaching graduates varied widely with 14 per cent in the income range of below Rs. 200, 9 per cent in the income range of Rs. 200—300, 22 per cent in the income range of Rs. 400—500 and 16 per cent in the income range of Rs. 500 and above. Nearly half of the employed teaching graduates were getting a monthly earning of below Rs. 400.

Number of calls received for interview - The teaching graduates, who have registered before 31st December 1970, had been on the Live-Register substantially for a longer duration of 2 to 5 years and in certain cases even up to 6 years to get the first call for interview. It is observed that there are registrants who have not secured job even after attending 4th call.

Time Lag in getting employment.—It is observed that nearly 9 per cent of the employed job seekers got their employment only after a period of 4—7 years. 16 per cent get their job within a period of one year and that nearly half of the employed job-seekers had to wait for 1 to 3 years.

A higher proportion of men got their employment in a shorter period than women regist rants. About 1/5 of women employed job-seekers had to wait for more than 5 years as against 4 per cent in the case of men job-seekers. On an average women waited for 3 months more than the male job-seekers to get jobs.

Preference of unemployed job-seekers.—An analysis of the data, on the teaching graduate job-seekers to take up teaching profession was also made. Nearly 69 per cent of the job-seekers expressed their willingness to take up teaching profession and 31 per cent for non-teaching prefession. From those who desires to go in for teaching profession 53 per cent were men and 47 per cent were women. Among those who wished to go in for non-teaching profession 54 per cent were men and 46 per cent were women.

Mobility of un-employed graduates—47 per cent of the job-seekers expressed their willingness to serve in the State, among those who expressed their willingness to serve in the State, 47 per cent were women and 53 per cent were men. 24 per cent of the unemployed job-seekers were prepared to accept job anywhere in the country and among this 77 per cent were men and 23 per cent were women. 20 per cent of the un-employed job-seekers desired to take up placements within their districts and among those who opted this 30 per cent were men, 70 per cent were women.

About 9 per cent of the unemployed job-seekers opted to serve any where or even outside the country and among them 81 per cent were men and 19 per cent were women.







### SELECT ECONOMIC INDICATORS.

1. Population Growth Item 1941. 1951. i961. 1971. 1978@ 1979.@ (1) (2) (3) (4) (5) (6) (7) Population 263 301 3**37** 412 455 461 2 Decadal variation (per cent) 11.91 14.66 11.85 **2**2·30 10.43 (since 1971) 11·8 (1971) 3 Index of population (1901 = 100)136 156 175 214 236 239

2. INDEX NUMBER OF	AGRICULTURA	L FCONOMY.	(Triennium			
	1973-74.	1974-75.	1975-76.	1976-77.	1977-78.	1978-79,
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Index of area under crops	107.0	93.3	101-3	99.0	108-1	110.3
Index of production	138- <b>2</b>	103-9	129-5	123-2	142-4	151-9
Index of yield	132 2	104-4	126.7	121.5	126-7	132-9
Index of net area sown	102.7	92-3	99-6	99-9	104-7	104 <b>·7</b>
Index of cropping intensity	104-2	101-1	101.7	99-1	103.2	105-3
Index of produtivity per hectare.	134-6	112-6	130-0	123-3	136·C	145-1
dex of cropping pattern	105-4	106-3	190-7	2.3	103-9	103-6

<sup>@</sup> Estimates based on Expert Committee projections.

3. Index Numbers of Wages Paid to Certain Categories of Agricultural Labourers.

(Base Year 1960=100)

Year   Month.					Pield lubourers.			Tending cattle.			Other agricultural labourers		
	1ear   1	wionin.			Men.	Women.	Non- adults.	Men.	Women.	Non- adults.	Men.	Women.	Non- adults
	(	1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
197	4				322	296	341	239	236	281	292	259	326
197	5				405	391	418	344	345	361	376	338	377
197	6				384	381	406	336	336	359	386	346	394
197	7	• •			395	<b>39</b> 8	439	333	316	361	<b>39</b> 8	353	420
197	8	• •			417	415	455	327	322	366	421	358	435
197	9_												
	January	• •			413	428	476	307	325	411	431	362	477
	Pebruary				427	435	483	288	325	407	439	3 <b>6</b> 0	478
	March	٠.			436	442	476	294	325	380	440	379	486
	April				447	440	496	305	325	395	448	378	490
	May	* *			439	430	498	344	325	393	446	392	493
	June			• •	447	437	476	316	325	395	448	402	477
	July				457	464	496	272	273	420	480	439	499
	August	٠.			466	476	509	308	273	421	480	444	483
	September				481	513	556	306	273	421	486	445	490
	October	• •			505	536	584	361	260	489	509	471	514
	November			* *	497	539	572	366	260	469	<b>5</b> 15	485	532
	December		• •		495	537	602	382	260	466	515	486	5 <b>30</b>

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4. INDEX NUMBERS OF INDUSTRIAL PRODUCTION

Base: 1970=100

			1971.	1972.	1973.	1974.	1975.	1976.	1977	1978
	(1)		@ (2)	@ (3)	(4)	(5)	@ (6)	(7)	(8)	(9)
General Index		 	 119.7	121-7	117.0	128-1	128-0	137-6	140.5	164-1

@ Estimated.

### 5.INDEX OF HANDLOOM PRODUCTION.

(Base: 1970-71=100.)

<b>V</b> ariety of	cloth.		1971-72.	1972-73.	1973-74.	1974-75.	1975-76.	1976-77.	1977-78.	1978 <b>-79.</b>
(1)	)		(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Cotton		٠.	110.27	109-33	106-58	103-21	106-10	107.27	101-65	107.82
Silk		. ,	92.02	105-61	90-90	97.79	109.38	108-35	103-62	108-25
Art Silk			106-62	104-16	102-64	<b>99-6</b> 8	116-16	137-08	109-27	114-67
Mixture	.,	٠.	104.76	108.72	100.94	103-58	113-34	137.98	131-59	124.71
All varieties	••	* *	109-69	108-99	105-99	102-99	107-01	110-35	103-48	108.99

6. INDEN NUMBERS OF WHOLESALE PRICES

(Case year 1970-71=100.)

Serial number and group.	1975	1976	1977	1978	19 <b>79</b>
(1)	(2)	(3)	(4)	(5)	(6)
1 Primary Articles	. 133.05	171-24	187.73	190-91	203-47
(i) Food articles	205-12	177-88	191 •10	198-97	210.03
(ii) Non-food articles	. 147.03	160 <b>·09</b>	18 <b>2·66</b>	178-25	19 <b>3</b> ·56
(ii) Minerals	. 176-38	176-38	176-38	176-13	181-52
2 Fuel, power and light	. 172-94	185.78	186-05	185 <b>·95</b>	216.68
3 Vignafactated products	. 56.49	159-11	167.85	170 <b>·66</b>	193-12
And the Toll	171-02	166.37	178 <b>·87</b>	181-83	199 <b>·34</b>

Norg.-- Revised series from July 1979 onwards With 1970-71 as the base year.

### 7. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(Base: 1960=100).

Centre.	1974	1975	1976	1977	1 <b>97</b> 8
(1)	(2)	(3)	(4)	(5)	(6)
Madras City	281	325	283	306	316
Cuddalore	296	325	289	320	329
Tiruchirappalli	329	372	313	335	358
Madurai	306	352	296	328	335
Coimbatore	282	331	300	317	323
Nagercoil	339	390	330	344	363
Coonoor	307	314	295	312	321

### 8. ALL INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(Base: 1960 = 100).

		1974	1975	1976	1977	1978
All India average consumer index number.	price	304	321	296	321	329

### 9. CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

(Base 1960 = 100).

Cent	ire.		1974	1975	1976	1977	1978
	(1)		(2)	(3)	(4)	(5)	(6)
Madras City		 	275	310	292	307	319
Madurai		 	264	306	285	291	<b>29</b> 9
Tiruchírapalli			273	313	282	306	314

### 10. INDEX NUMBER OF RURAL PRICES.

(Base year 1970-71=100).

Serial number		ton.ii	¥.		Rext	Facis an ! lighting	Clothings.	Miscellanzous	Composit Index.
(1)		(2	)		(3)	(4)	(5)	(6)	(7)
		1979	<i>)</i> .						
1	July				191-73	239-99	187-11	186-17	194-22
2	August				194-15	225-57	185·2i	187-18	195.40
3	September				í95 5i	231-85	187-40	139-32	196-81
4	October				195 <b>:00</b>	239-53	192-04	188-71	197·6 <b>7</b>
5	November				203-59	<b>24</b> 8· <b>79</b>	195-19	196-34	205.53
6	December			- •	210-61	261.57	200.19	198-83	212:46

<sup>4</sup> orn. -- Revised series from July 1979 onwards, with 1970-71 as the base year.

### 11. INDEX NUMBER OF PARPTY.

### (1954-55=100)

Item.	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)
Index Number of Prices Received by the farmer	501	378	411	363	392
Index Number of Prices paid by the farmer	<b>55</b> 3	507	539	547	607
Index of parity	91	75	76	66	65

12. INDEX NUMBER OF TOTAL VALUES OF FOREIGN IMPORTS AND EXPORTS

(Base-1970=190)

		Year				1974-75	1975-76	1976-77	1977-78	1979-80
		(1)				(2)	(3)	(4)	(5)	(6)
Imports		 - +		* *	 	190	163	200	180	333
Exports		 	٠,		 	181	270	313	322	390

### 13. INDEX NUMBERS OF EMPLOYMENT 1979 (1960-100)

Item.			1977.	1978.	1979.
(1)			(2)	(3)	(4)
1. No. of persons registered during the period (year)	• •		197-1	<b>2</b> 06-2	207-4
2. No. of persons placed on Employment during the year	••	••	73-3	91-3	148-8
3. No. of persons on the Live Register at the end of the year		••	719-0	744-5	749-2

14. Index numbers of net state domestic products of tamil nadu by industry of origin (At current prices

(Base 1970-71 = 100)

	Se	ctor.				1970~71.	1971-72.	1972-73.	1973-74.	1974-75.
		(1)				(2)	(3)	(4)	(5)	(6)
1 Primary					٠.	100	118-27	120-21	153-88	141-31
2 Secondary			• •			100	108-91	119-50	134-82	176·8 <b>6</b>
3 Tertiary			٠			100	113-91	122-58	146.09	160-13
(i) Transpo	ort Con	amunic	ations	& Trac	1e	100	115-12	122.88	153.92	165-36
(ii) Financ	e & Re	al state	٠			100	115-62	130-14	145-65	165-95
(iii) Comm	nunity a	nd Per	sonal S	Servic <b>e</b> :	s	100	110-33	117-41	129-72	145-53
						<del></del>		·		
				Total		100	114-41	120-82	146-39	156-70

Sector.	1975-76.	1976-77.	1977-78.	1978-79.
(1)	(7)	(8)	(9) PRLY	(10) <b>Q</b> E
1 Primary	120-03	139-47	148-92	172-67
2 Secondary	185-13	211-25	2 <b>44-62</b>	275-60
3 Tertiary	168:01	189-78	209.85	229-85
(i) Transport Communications & Trade	165.38	195-95	219-32	240-24
(ii) Finance & Real state	198-96	217-54	238-41	261-40
(iii) Community and Personal Services	155.01	160.05	172-64	188-89
	and the same of th			# \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Total	152.76	174-69	193-82	218-16

QE=Quick Estimates

PRLY = Preliminary Estimates.

15. INDEX NUMBERS OF NET STATE DOMESTIC PRODUCT OF TAMIL NADU INDUSTRY OF ORIGIN AT CONSTANT (1970-71) PRICES.

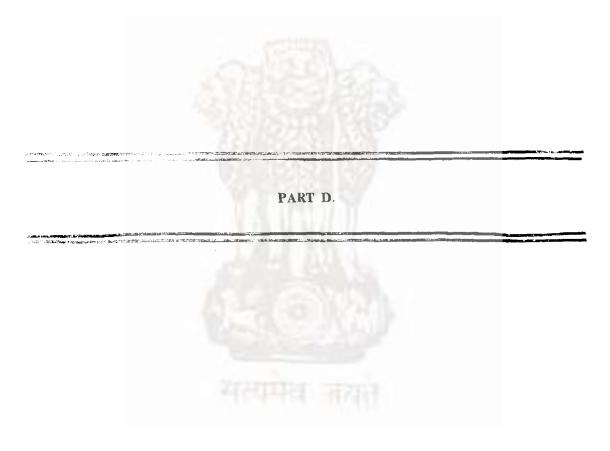
Sector	197071.	1971-72.	1972-73.	1973-74.	1974-75.
(1)	(2)	(3)	(4)	(5)	(6)
1 Primary :	100	106-95	104-34	114-25	83.84
2 Secondary	100	102:73	105.02	100.75	103-40
3 Tertiary	100	104.80	107-61	113.39	105-82
(i) Transport, Communication & Trade	100	105-19	107-72	114-22	98-61
(ii) Finance & Real Estate	100	109-85	116.04	116.08	116·0 <b>1</b>
(iii) Community & Personal Services	100	100-95	102-34	110-01	114-99
Total	100	105-15	105-61	110-51	96.04

Sector.	1975-76.	1976-77.	1977- <b>78.</b> PRLY	1978–79. QE
(1)	(7)	(8)	(9)	(10)
1 Primary	101·05 106·28	95·13 114·18	110·84 123·74	124·30 139·98
3 Tertiary	117:47	119.03	129.18	139-85
(i) Transport, Communications & Trade	113-30	112-53	123-99	135-19
(ii) Finance & Real Estate	<b>127·7</b> 3	137-18	147-33	156·96
(iii) Community & Personal Services	120-17	121-94	129-31	135-74
Total	107-89	108.01	120-29	133-18
			and the same of the same	

Q.E.-Quick Estimates.

PRLY .= Preliminary Estimates.







### I. CLIMATE AND RAINFALL.

### RAINFALL.

Daily rainfall data are collected every monthin respect of 420 raingauge stations spread over Tamu Nadu, maintained by the Revenue Department, Public Works Department, Forest Department and Southern Railway for the State as a whole, the rainfall was excess by 120 per cent in November 1979 compared to excessive rainfall of 26 per cent in November 1978. But State received deficient rainfall of 41 per cent less than normal in December 1979. Compared to the excessive rainfall of 153 per cent in December 1978. All the districts received good rain in November 1979. For the North east Monsoon, State recorded 31 per cent above the normal rainfall, while it was 30 per cent for the same session of the previous year.

Due to frequent occurrences of low pressure area during this season moist-weather prevailed over the State. Due to depression the monsoon was very vigorous in November resulting heavy rainfall which caused floods in many districts.

Due to heavy rains some rivers were flooded causing damage to lives and crops. The details are furnished as follows:—-

In Modras, 3 Major drinking water sources Poondi, Red Hills and Cholavaram were full and the city may not have water scarcity in 1920. In North Arcot, there was flood in Palar and Cheyyar rivers during November 1979. 12 persons died due to heavy rains. In South Arcot about 21, 000 acres of Paddy crops were completely damaged with floods. Due to floods in many taluks of Periyar. District heavy damages were reported. On 14th November, water from lower Bhavani dam was let out. In the Nitgiris district heavy rains caused land slips, damages to road, properties and standing crops. Persons lost their lives in Coonoor taluk due to landslips S an ing Samba and Thaladi Crops in about 70,000 acres was submerged in Thanjavur district. In Tiruchirappalli district due to ince sant and heavy floods in Amtravathi, Nanganji Kudaganur rivers and other jungle streams parts of Karur, Kulithalai, Lalgudi and Udayar Palayam taluks and the entire taluk of Tiruchirappalli were effected. Breaches occured in several tanks inundating both wet and dry crops. Breaches occured in 54 nation and 35 minor irrigation tanks. More than 200 villages were affected. In Madarui district there were fleed in the tract of Verigal river causing damages to huts and cashs and about 4,000 acres of land were rendered useless by sand casting heavy rains and floods in Valgai river caused extensive damage to standing crops and paddy in Ramanathapuram district. More than 1,000 tanks were breached Relief operations were carried out on a war footing utilising the services of army, boats and helicopters. In Tirunelveli district, when water level of Manimethar Dam secretal 198 first an emergency was declared by Public Works Department to vacate the Public from low level areas. Due to floods, Paddy seedling, Plantain, Bet Ivines and dry crops were damaged. Road communication Detween Trunelveli and Truchendur was distripted. Flood waters washed away Rs. 23 lakh bridge under contraction acres of Paddy fields were affected in Agastheeswarm taluk. For the State as a who

North east monsoon period (October to December).

October.

						Oc.to	ober.		November	
		District.				@Normal.	Actual.	@Normal.	Actua	ıt.
		1.				(2)	(3)	(4)	(	5)
<sup>5</sup> ladras					• •	305.8	138.3	350	•3	629.7
Chengalpattu	٠.					260.5	152-4	304	.9	526.7*
South Arcot	~ .					215.9	201.9*	277	·-3	537-4*
North Arcot	٠.			.,		166.2	86.1	158	-4	386.9
Salem	•			- •		162.0	69.3	107	·6	<b>2</b> 73·8
Dharmapuri		,		• .		158-4	49.8	98	.8	211-7
Periyar	٠.	• •	٠.	٠,	٠,	168.0	117-6	112	.7	234.0
Coimbatore				* *		175.7	159-2	129	.7	485.9
Tiruchirappalli			٠.			183-1	137-9*	149	.7	338-5*
Pudukkottai		7.5				157-6	147.5	153	-7	344.9
Thanjavur		, ,				203-1	179-4	309	-4	462.0*
Madurai	٠.					190.9	142-9	159	-5	460.8
Ramanathapurar	11	c .				181-5	134-7*	185	-6	461.5*
Tirunelveli						166-0	186.6	208	•2	580-9*
Kanniyakum <b>ar</b> i	٠.					259.1	213-3	232	·7	349.3
The Nilgiris						253-1	199-8	188	·1	515-2
STATE	, ,					186.0	137-1*	183	·5	406-3*
	L	District.				Dec	ember.	Total.		Percentage ariation
					_	@Normal.	Actual.	Normal.	Actual.	from
•										normal.
		(1)				(6)	(7)	(8)	(9)	(10)
Madras			• •		٠.	139-2	88.6	795-3	856.6	+7.7
Chengalpattu	٠.		. ,			125.6	59.5*	691.0	738-6*	+6.9*
South Arcot	٠.	• •				134.6	58.0*	627.8	797-3*	+27.0
North Arcot	٠.	• •		• •	• •	60.9	18.2	385-5	491-2	+27.4
Salem	٠.	• •	* *	• •	1 3	33.5	11.0*	303·1	354.1*	+16.8*
Dharmapuri	٠.	• • •	• •	• •	• •	33.7	9.9*	290 · 9	271-4*	-6.7*
Perar	• •	- •	••	• •	• •	32.7	25.8	313.4	<b>377</b> ·4	+20.4
Coimbatore	••	• •	••	• •	••	43.4	20.1*	348.8	665-2	+90.7*
Tiruchirappalli	• •	• •	• •	• •	• •	86.4	28.3*	419-2	504·7 <b>*</b>	+20.4*
Pudukkottai	• •	• •	••	••		82.8	73.0*	394-1	<b>5</b> 65·4 <b>*</b>	+43.5*
Thanjavur	٠.	• •	• •	• •	••	168-1	153-4*	680-6	<b>7</b> 94·8	+16.8*
Madurai	• •	••	••	••	• •	58.6	11.5*	409-0	615.2*	+50.4
Ramanathapurar	n		• •	• •	• •	87-5	66.4*	455·5	662-6*	+45.5*
Tirunelveli	٠.	• •	••		••	111.6	91.8*	485∙8	859-3*	+76.9*
Kanniyakumari	• •	• •	••	••		72.2	83.2	<b>5</b> 64·0	645-8	+14.5
The Nilgiris	••	• •	• •	••	• •	72.4	53-6	513.6	<b>76</b> 8·6	+49.6
STATE	• •		••	••	••	80.2	47·0*	449.7	590-4*	+31.3*

<sup>@</sup>Average of 50 years rainfall ending 1950.

### WATER SUPPLY.

During the first month of this quater water supply was adequate in the state except in South Accot North Arcot, Ramanathapurana, Tiruneveli. Dharmapuri and the Nilgiris districts. The State felt the impact of heavy North East Monsoon cain in November 1979 and the water supply was adequate in all districts. All the rainfed tanks and irrig tion sources were full particularly in Southern dry districts of Ramanathapuram and Tirunelveli. In all the rivirs, water was flowing.

Due to the onset of North East Monsoon rains, the water level in all the reservoirs of the State steadily increased and reached the maximum level. During November, 1979, in Manimuchan Reservoir the water level was 108 feet, and an emergency was declared by the Public Works Department. The water levels in Papanasam and Manimuthar rose up to 27 feet, and 18 feet respectively by the heavy rains between 8th November 1979 and 12th November 1979. The first flood warning went to Kerala and Periyar Reservoir level rose to 143 feet on 12th November 1979 just 2 feet below the maximum, recommended by the Central Water of Power Commission. The biggest reservoirs in Coimbatore district, Parambikulam and Amaravathi were full, while the lower Bhavani started surplussing. It is good year of rainfall so far as irrigation sources are concerned.

1.2. WATER LEVELS IN THE SELECTED RESERVOIRS.

(IN METRES).

	Name of	the Re	servoir	H			Full depth. in metres)	Level as on 6th October 1979.	Level as on 27th Octo er 1979.	Level as on 3rd November 1979.
					(2)	(3)	(4)	(5)		
Red Hills							5.85	3.56	3.42	3.50
Shotayaram							5.44	1.57	0.72	0.85
Poondi	* *						10.06	5-44	5-36	5 <b>-35</b>
Sathanur						٠.	35-27	5.15	35.66	35,66
Wellington	v . s					٠,	8.60	35.66	4.13	3.92
Valgai							21.64	7-84	10-95	13.34
Periyar		. ,					14-63	10.20	10-30	10.18
Papanasam							45-11	16-60	22.42	25.18
Manimuthar	• •						35-97	20-17	23.18	24-51
Bhavani	• •						32.30	30-51	30.63	31.05
Amaravathi							33.53	30.28	27.72	28.29
Stanley	• •						36-58	33-60	30.79	31-85
Krishnagiri							15.85	15-51	15.70	15-67
Pechiparai							14.63	4.39	5.18	6.16
Perenchani					4.4		23-47	10-59	11-72	15-01

1.2. WATER LEVELS IN THE SELECTED RESERVOIRS.

### (IN METRES).

(an name of											
	Name of the	e Reser	voir.				Level us on 24th November 1979.	Level as on 1st December 1979.	Level as on 29th December 1979.		
							(6)	(7)	(8)		
Red Hills	• •		• •				5.57	5-73	5.67		
Sholavaram	• •						5⋅14	5.24	5.42		
Poondi		٠.				••	9.75	9-94	10-06		
Sathanur	• •		• •	••			35·66	35-66	36.25		
Wellington			••	••			8-23	8-35	8.53		
Vaigai							20.69	21-06	21.33		
Periyar							11.73	11.70	9.20		
Papanasam	* *						41.39	42-67	44.71		
Manimuthar							35*60	35.66	35.66		
Phavani							31-29	31-37	30.25		
Amarayathi	,				a		32.64	33-34	32-69		
Stanley							35-45	36.41	<b>36·35</b>		
Krishnagiri		•					15.64	15·8 <b>5</b>	15.82		
Pechiparai		* *					4-69	11-53	11-57		
Peruncham							11-51	20.66	19-69		

### II. AREA AND POPULATION.

Tamil Nadu occupies the eleventh rank among the States in India in regard to size with an area of 130,069 sq. km.

As regards population, Tamil Nada ranks fifth among the states in India. According to Census 1971 the population in Tamil Nada is 41,199,168 of which 50.6 percent are males and 49.4 percent are females. 28,734,334 persons or 69.7 percent of the population are in rural areas and the remaining 12,464,834 persons or 30.3 percent are in urban areas.

Of the total population 14,741,967 persons (35.8 percent) are classified as workers and 26,457,201 persons (64.2 percent) as non-workers. Among the workers 11,667,065 (79.1 percent) are males and 3,074,902 (20.9 percent) are females.

Literates from 39.5 percent of the total population (16,256,393 persons) as against 31.4 per sent in 1961. Madras city has the highest percentage of literacy viz., 62.01 while Dharmapur, districts has the lowest percentage viz 22.3.

According to census 1971, the density of population in Tamil Nadu worksout to 317 per sq. km. Madras City has the highest density of population viz., 19,293 while Dharmapuri distir c has the lowest density of population viz., 174.

The population of Scheduled Castes and Schedules Tribes in Tamil Nadu is 7,627110 forming 18-51 percent of the total population 7,315,595 persons belong to Scheduled Castes and 311,515 persons are Scheduled Tribes, Chengalpattu district has the largest percentage of these two classes of peoples i.e. 27-22 while Kanniyakumari district has the lowest percentage of Scheduled Castes and Scheduled Tribes i.e. 4-12.

2.1. AREA AND POPULATION BY DISTRICT;

As per census 1971.

									Area.	
		Disti	rict/Sta	ite.			M	Total.	Rural.	Urban.
			(1)					(2)	(3)	(4)
1	Madras						- •	128-0		128·0
2	Chengalpattu							7,920.0	7,219.0	<b>64</b> 1·0
3	North Arcot	. 1	. ,					12,265.0	12,026.6	238-4
4	South Arcot				. ,			10,898-0	10,659· <b>6</b>	238.4
5	Tiruchirapalli							11,114-3	10,769-0	345-3
6	Padakkottai							4,649-9	4,594.5	55.4
7	Thanajvur							8,261.8	7,943.6	318-2
8	Madurai							12,626.0	12,168.0	461.0
ý	Ramanathapuram						.,	12,578.0	12,176.9	401-1
10	Tirunelveli							11,433.0	10,673.7	759-3
11	Kanniyakumari							1,684.0	1,641.2	42.8
12	Salem							8,643.0	8,291.9	351-1
13	Dharmapuri	, ,					• •	9,643.0	9,575-4	67,6
14	Coimbatore						.,	13,673-0	14,733-0	939-2
15	The Nilgiris	4.						2,549.0	1,642.5	906-5
	•			STAT	E.	, .		1,30,069.0	1,24,175.5	5 <b>,893</b> .5

# 2.1. Area and Population by Districts—cont.

## As per census 1971.

Diete	rict St	~*-		Population,					
Distr	ici į Si	uie.					Total.	Rural.	Urban.
		(i)					(5)	(6)	(7)
1 Madras							2,469,449		2,469,449
2 Chengalpattu							2,907,599	1,896,909	1,010,690
3 North Arcot							3,755,797	2,972,702.	783,095
4 South Arcot							3,617,723	3,104,726	512,997
5 Tiruchirapalli					• •		3,192,134	2,433,755	758,379
6 Pudukkottai	٠.						947,351	832,372	114,979
7 Thanjavur	٠.				^ +		3,550,063	2,778,375	<b>771,6</b> 88
8 Madurai							3,938,197	2,614,003	1,324,194
9 Remunathapuram							2,860,207	2,113,545	746,662
0 Tirunelveli		. •					3,200,515	2,171,019	1,029,496
1 Kanniyakumari						. •	1,222,549	1,018,144	<b>2</b> 04,405
2 Salem						F 4	2,992,616	2,197,234	795,382
3 Duarmapuri							1,677,775	1,533,834	143,941
4 Coimbatore							4,373,178	<b>2,</b> 816,9 <b>36</b>	1,556,242
The Nilgiris				W. I			494,015	250,780	243,235
			STATE	3			41,199,168	28,734,334	12,464,834

# 2.2. GROWTH RATE, DENSITY, SEX RATIO AND LITERACY.

# As per census 1971

	Dis	trict s:	iate.				Decinnial Growth Rate.		D <b>ens</b> ity per Sq. Km.	Num <b>ber o</b> f females Per 1000 males.	
			(1)					(2)	(3)	(4)	
1	Madras	••	••			••	••	42.81	19293	904	
2	Chengalpattu	••			••		••	32.38	367	948	
3	South Arcot				••	••	••	18-69	332	969	
4	North Arcot		••		••	••	••	19-37	306	971	
5	Tiruchirapalli				••		••	19-60	287	987	
6	Pudukkottai		••	••		••		26-62	204	1011	
7	Thanjavur		• •	• •		••	• •	17.75	430	994	
	Madurai	• •	• •			• •		22.63	312	986	
9	Ramanathapuram							18-11	227	1042	
10	Tirunelveli					••		17-22	280	1042	
11	Kanniyakumari	• •						22.63	726	972	
12	Salem	• •	* *		٠.		••	21.07	346	963	
13	Dharmapuri	• •	• •				4.	25-94	174	969	
14	Coimbatore			4 •		• •		22-93	279	957	
15	The Nilgiris	• •	• •			••	••	20-70	194	944	
			51	ATE		• •		22.30	317	974	

	Potential	Canto					Literacy Ratz				
	District	suite.				М	Persons.	males.	Females		
		(1)					(5)	(6)	(7)		
1 Madras	• •				• •		62.01	70.57	<b>52</b> ·54		
2 Chengalpattu				• •			39.73	51.76	27 03		
3 South Arcot	• •	* *		• •			31-14	44.06	17-80		
4 North Arcot					••	••	34-66	47.55	21-39		
5 Tiruchirappalli			••	••		••	38.79	<b>52-4</b> 0	25 <b>·02</b>		
6 Pudukkottai				••	••	• •	31-40	46.05	16.90		
7 Thanjavur	••	••		••	••	••	40.30	<b>5</b> 3·55	26.96		
8 Madurai		••		••	••	••	41.51	55-07	27.77		
9 Ramanthaprus	uma					••	39-74	<b>54·7</b> 2	25.39		
0 Tirunelveli	••		••	• •	••		44-83	57-13	33.02		
1 Kanniyakuma	i						58-21	64·12	52.14		
2 Salem							31.71	42.68	20.33		
13 Dharmapuri				• •			22-32	31.66	I2: <b>6</b> 7		
14 Coimbatore						• •	38-90	51-33	25.90		
15 The Vilgiris		••			••	••	47.03	53-45	34.90		
BI 147-2-			STAT		••	••	39-46	51-73	16.36		

2.3. SCHEDULED CASTES AND SCHDULED TRIBES.

District/State.							Scheduled Castes.	Percentage to district population.	Scheduled Tribes.
(1)							(2)	(3)	(4)
1 Madras	••	••	• •	• •		••	259,118	10.49	928
2 Chengalpattu					••	••	763,991	26.28	27,189
3 North Arcot		••	• •		••	••	725,885	19.33	70,727
4 South Arcot				••	••	••	937,894	25.92	14,105
5 Dharmapuri	• •	• •				••	227,825	13-58	30,123
6 Salem	• •	••			••	••	480,317	16.05	94,383
7 Coimbatore			••	• •			688,271	15.74	26,021
8 The Nilgiris			• •		• •		62,694	18.76	19,869
9 Madurai					• •		587,874	14.93	6,707
10 Tiruchirapalli	٠.						580,211	18.17	14,731
11 Thanjavur		* *					808,112	22.76	922
12 Pudukkottai			• •			••	151,294	15.97	278
13 Ramanathapura	ım	• •		. ,			459,616	16-07	1,056
14 Tirunelveli							504,956	15.78	1,614
15 Kanniyakumari	• •		• •			••	47,536	3.89	2,862
STATE	• •	• •			••		7,315,595	17.76	311 ,515

District/State.							Percentage to district population.	Scheduled castes and Scheduled Tribes.	Parcentage to district Population.
(1)							(5)	(ര	(7)
1 Madras		• •	• •		• •	••	0-04	260,047	10-53
2 Chengalpattu	- 4				+ 4		0-94	791,180	27-22
3 North Arcot					• •		1.88	796,612	21-21
4 South Arcot				• •	• •	••	0-39	<b>951,</b> 999	26.31
5 Dharmapuri					• •	••	1.60	257,948	15-38
6 Salem	.,		• •		••	••	3-15	574,700	19-20
7 Coimbatore		••	••		••	• •	0.60	714,292	16-34
8 The Nilgiris	• •			• •		••	4.02	112,563	22.78
9 Madurai				- •		••	0.17	594,581	15-10
10 Tiruchirapalli			. •		• •	••	0-46	594,942	18.64
11 Thanjayur	• •	••	• •	• •	• •	••	0.03	809,034	22-79
12 Pudukkottai	• •	• •	••	• •	• •	• •	0-03	151,572	16.00
13 Ramanathapura	m	••		• •	• •	••	U•03	460,672	16-11
14 Tirmelveli	• •	• •		- •	• .	••	0.05	506,570	15-83
15 Kanniyakumeri	• •	• •	• .	• •	• •	••	0.23	50,398	4-12
STATE	• •	••	• •	• •	• •	••	0.75	7,627,110	18-51

## 2.4. Population by Categories of Workers.

(as per census 1971.)

District/State.							I. Cultivators.	II. Agricultural labourers.	III. Livestock Forestry, Fishing, Hunting and Plantations orchards and allied activi- ties,
(1) 1 Madras						••	(2) 1,061	(3) 649	(4) 8,923
2 Chengalpattu		••			• •		238,790	330,254	19,389
3 North Arcot		••		••	••		510,096	416,303	17,184
4 South Arcot		••	- •		••		523,709	464,411	18,255
5 Tiruchirappalli		••		• •	••	• •	502,425	330,442	11,191
6 Pudukkottai		:					187,427	64,441	3,799
7 Thanjavur			• •			• •	316,281	518,167	25,256
8 Madurai							420,324	<b>526,23</b> 8	36,325
9 Ramanathapura	m		• •				371,900	275,045	25,671
10 Tirunelveli		• •			••		290,757	360,858	33,821
11 Kanniyakumari							58,120	126,447	27,349
12 Salem		• •					410,554	331,347	14,540
13 Dharmapuri	4 +	• •		• •	• •		349,768	160,727	6,200
14 Coimbatore		• •			••		417,124	570,330	55,296
15 The Nilgiris		• •	v 4	• •	••		9,451	14,406	102,146
STATE							4,607,787	4,490,065	403,295
Percentage	• •					••	31-26	30-46	2.74
								V. Manufacturing,	
District/State.							IV. Mining and quarrying.	servicing and	(b) Non- Household
(1)								servicing and (a) in household	repairs.  (b) Non-
	*	• •	4				quarrying.	servicing and  (a) in household Industry.	repairs. (b) Non- Household Industry.
(1) 1 Madras 2 Chengalpattu	•	• •					quarrying. (5) 223 2,183	servicing and  (a) in household Industry.  (6)	repairs.  (b) Non- Household Industry.  (7)
(1) 1 Madras 2 Chengalpattu 3 North Arcot	•						quarrying. (5) 223	servicing and  (a) in household industry.  (6) 11,171	repairs. (b) Non-Household Industry. (7) 179,486
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot	1						quarrying. (5) 223 2,183	servicing and  (a) in household industry.  (6) 11,171 50,230	repairs. (b) Non-Household Industry. (7) 179,486
(1) 1 Madras 2 Chengalpattu 3 North Arcot	1	••					quarrying.  (5)  223  2,183  4,104	(a) in household Industry.  (b) 11,171 50,230 54,759	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudukkottal		••	• •	••			quarrying.  (5) 223 2,183 4,104 14,185	(a) in household industry.  (b) 11,171  50,230  54,759  24,522	repairs.  (b) Non- Household Industry.  (7) 179,486 112,792 92,976 43,967
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli	••	• •	• •		••		quarrying.  (5) 223 2,183 4,104 14,185 3,171	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudukkottal	• • • • • • • • • • • • • • • • • • • •	••	• •		••		quarrying.  (5) 223 2,183 4,104 14,185 3,171 908	servicing and (a) in household industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092  12,618
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura	•••	•••	•••		••		quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513	(a) in household Industry.  (b) 11,171 50,230 54,759 24,522 39,754 6,339 30,597	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092  12,618  51,194
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pud ikkottal 7 Thanjavur 8 Madurai	•••						quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092  12,618  51,194  108,319
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura	 		•••				quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817	servicing and (a) in household Industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pud ikkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli	 						quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081	servicing and (a) in household Industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092  12,618  51,194  108,319  90,760  117,632
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri	m						quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632	servicing and (a) in household Industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092  12,618  51,194  108,319  90,760  117,632  30,616
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem	m						quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982	servicing and (a) in household Industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393	repairs.  (b) Non-Household Industry.  (7)  179,486  112,792  92,976  43,967  97,092  12,618  51,194  108,319  90,760  117,632  30,616  111,900
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pud ikkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri 14 Coimbatore 15 The Nilgiris	m						quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982 2,319 3,167 726	servicing and (a) in household Industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393 8,202 105,859 920	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616 111,900 12,467 225,563 15,142
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri 14 Coimbatore							quarrying.  (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982 2,319 3,167	servicing and (a) in household Industry.  (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393 8,202 105,859	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616 111,900 12,467 225,563

# 2.4.—sontd.

(as per census 1971.)

								(22	per census 1971.)
District/State.							VI. Construc- tion.	VII. Trade and Commerce.	VIII. Transport storage and communi- cation.
(1)							(8)	(9)	(10)
1 Madras	••	••	• •			••	33,497	169,531	1,29,334
2 Chengalpattu	• •	••		• •		••	16,422	64,724	41,302
3 North Arcot	• •	••		••	••	••	14,013	81,321	35,510
4 South Arcot		••	••		••	••	9,456	56,053	21,803
5 Tiruchirappalli	٠.	••		• •	• •	••	16,697	80,620	32,428
6 Pudukkottai		••	••	••	••	••	2,593	19,477	4,138
7 Thanjavur		* *	• •		• •		13,289	96,911	23,050
8 Madurai		• •		* *	••	• •	17,535	127,827	34,123
9 Ramanathapura	am		• •	• • •	• •		11,980	78,307	14,498
10 Tirunelveli		• •	• •		• •		15,667	97,887	28,822
11 Kanniyakumari	٠.	• •			• •	••	9,829	26,602	9,376
12 Salem		• •	• •			••	19,594	<b>68,</b> 248	33,643
13 Dharmapuri		• •			• •	• •	4,798	25,273	7,225
14 Coimbatore		• •	• •		• •		44,810	1,48,756	44,457
15 The Nilgiris	• •	* *	• •		• •		4,055	12,685	5.949
STATE			• •				2,34,235	11,54,222	4,65,657
Percentage		• •	• •		••	••	1-59	7-83	3-16
District/State	•						IX. Other Services. (11)	Total Workers. (12)	X. Non- Workers.
1 Madras					,.		1,62,504	6,96,379	(13) 17,73,070
2 Chengalpattu		, ,	4.4				1,04,669	9,80,755	
3 North Arcot							1,06,903	13,33,169	19,26,844 24,22,629
4 South Arcot							71,802	12,55,163	2,362,560
5 Tiruchirappalli							88,213	12,02,033	19,90,101
6 Pudukkottai	• •						21,959	3,23,649	6,23,702
7 Thanjavur		••					1,10,000	11,83,096	23,66,967
8 Madurai				• •			1,33,036	14,53,938	24,84,259
9 Ramanathapura	em.					* 8	91,966	10,20,345	18,39,862
10 Tirunelveli				• .	••		1,16,488	11,71,516	20,28,999
11 Kanniyakumar	i .						44,767	350,494	8,72,055
12 Salem					••	••	75,078	11,82,279	18,103,378
13 Dharmapuri		• •		.,			33,899	610,878	10,66,897
14 Coimbatore						••	1,71,098	17,86,460	23,86,718
15 The Nilgaris			.,				26,333	1,91,813	3,02,202
STATE		• •					1,363,715	1,47,41,967	2,64,57,201
Percentage			••	••		••	9-25	100.00	
-									••

### III. AGRICULTURE.

### LAND UTILISATION.

The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1977-78. Out of which the net area sown accounted for 6.3 million hectares, the area cultivable but not cultivated showed 2.4 million hectares and the uncultivable land was 4.3 million hectares. Out of the 6.3 million hectares of the net area sown 2.8 million hectates or about 45.0 per cent was irrigated. The area—sown more than once was 1.5 million of which—0.9 million heatares or about 60.2 per cent was irrigated.

Out of 2-4 million hectares of total area cultivable but not cultivated, 1-2 million hectares or 49-6 per cent was under current follows and the remaining 50-4 percent was under other non-cultivated lands excluding current fallows. The extent of area under uncultivable land was 4-3 million hectares comprising 2-0 million hectares (46-8 per cent) of forest land and 2-3 million hectares (53-2 per cent) of other uncultivable area including land put to non-agricultural uses.

The gross cropped area was 7.8 million hectares out of which 3.7 million hectares or 47.9 per cent was irrigated.

3.1 LAND UTILISATION, 1977-78.

	Distr	dat		Total o	Uncultivable land.					
	Dişir	ici.		Geographical are by village papers.	Forests.	Barren and uncultivable lond.	Land put to non-agricul- tural uses.	Total.		
•	(1)			(2)	(3)	(4)	(5)	(6)		
Madras .				12,800			12,800	12,300		
Cleenga(pattu	* •			7,89,938	42,652	30,686	1,79,475	2,52,813		
South Arcot	٠.	9 3		10,89,884	50,602	1,25,677	1,18,608	2,94,887		
North Arcot				12,30,223	3,18,887	65,355	1,29,813	<b>5,</b> 15,066		
Salem				8,62,095	1,55,570	69,325	70,262	2,95,157		
Diarmapuri	• •	••	5 4	9,62,913	3,26,318	79,680	57,467	4,67,465		
Crimbatore	••	••		15,73,132	3,88,535	19,253	1,32,916	5,49,704		
Ti echirappalli	••	• 1	••	1,12,696	77,384	40,528	1,46,039	2,63,951		
Pedukkottai	• •	• •	••	4,66,130	23,999	9,800	1,33,169	1,66,968		
Thenjavur	• •	• •		8,19,876	10,519	28,380	1,41,936	1,30,835		
Madurai	• •		• •	12,66,396	2,53,772	84,747	1,11,854	4,50,373		
Ramanathapuram	• •	• •	4. *	12,50,282	47,568	20,004	2,33,989	3,01,561		
Tennelveli	• •	# 11		11,41,654	1,33,684	32,272	1,52,249	3,18,205		
The Nilgiris	• •	* *		2,54,464	1,39,236	4,930	8,003	1,52,174		
Kenniyakumari	••	• •		1,67,210	54,611	5,387	20 283	8 0,281		
	STA	TE		1,29,98,998	20,23,337	6,17,035	16,48,868	42,89,240		

3.1. contd.

						3.1. contd.		(AREA IN HE	OT A D HE	
						A	rea cultivable b			
	Distri (1	<i>ct.</i> l)		Cul	tivatable waste.	permanent pastures and other grazing lands.	Land under misc. lla- neous tree crops and groves not included is the net area sown.	Current fallow.	Other fallen.	Total.
					(7)	(8)	(9)	(10)	(11)	(12)
Chengalapatt	u	••	••	••	19,733	30,428	26,195	89,400	21,412	1,87,168
South Arcot	••				53,237	8,755	45,214	69,246	43,463	2,19,915
North Arcot	••	• •			25,936	8,972	10,696	77,070	43,763	1,66,437
Salem	••	••	••	••	23,495	13,309	5,262	63,901	28,614	1,34,581
Dharmapuri	• •	••	••	• •	9,753	11,799	9,076	36,845	7,299	74,772
Coimbatore			* *		6,815	9,302	12,626	2,43,500	24,686	2,96,929
Tiruchirappal	li	٠.			39,915	40,694	15,991	1,10,714	26,914	2,34,228
Pudukkottai		•	• •		14,220	5,482	8,128	37,906	19,953	85,689
Thanjavur					15,487	4,168	20,219	25,243	22,097	87,214
Madurai					22,025	12,103	15,119	1,41,066	28,232	2,18,725
Ramanathapi	ıram				40,466	3,255	7,550	1,64,444	1,01,492	3,17,207
Tirunelveli	• •	• •		• •	62,901	22,414	12,854	1,29,314	1,16,132	3,43,615
The Nilgiris	••	• •			20,815	5,934	2,815	7,787	5,963	43,314
Kanniyakuma	ari		• •	4.4	1,312	440	529	2,095	562	4,938
		S	TATE		3,56,290	1,77,055	1,92,274	11,98,531	4,90,582	24,14,732

D.	District.				Net area sown.		Area sown more than once.		
<i>Dis</i> (1)				Irrigated.	Un-irriga- ted.	Total.	Trrigated.	Un-irriga- ted.	Total.
				(13)	(14)	(15)	(16)	(17)	(18)
Chengalapattu				2,60,571	89,386	3,49,957	1,22,953	21,780	1,44,733
South Arcot				3,57,337	2,17,745	5,75,082	77,545	86,865	1,64,410
North Arcot		• •		2,86,860	2,61,860	5,48,720	1,35,773	51,011	1,86,784
Salem				1,09,177	3,23,091	4,32,268	44,846	33,042	77,888
Dharmapuri			.,	72,753	3,51,923	4,24,676	18,611	88,641	1,07,252
Coimbatore	••	••	••	3,04,564	4,30,935	7,35,499	79,407	40,376	1,19,783
Tiruchirappalli			••	1,76,217	4,37,694	6,13,911	60,095	10,037	70,132
Pudukkottai	٠.	••		1,07,049	1,06,424	2,13,473	13,753	2,797	16,550
Thanjavur				4.73,994	<b>77,</b> 833	5,51,827	1,32,113	2,02,280	3,34,393
Madurai	••			2,25,148	3,72,150	5,97,298	68,519	20,070	88,589
Ramanathapuram	••	••	••	2,55,852	3,75,662	6,31,514	32 <b>,757</b>	4,989	37,746
Tirunelveli		••	• •	1,73,550	3,06,284	4,79,834	77,301	15,785	93,086
The Nilgiris	••	••	••	3,728	55,248	58,976	••••	1,369	1,369
Kanniyakumari	• •		••••	28,852	53,139	81,991	23,323	7,110	30,433
	\$TA	ALB	••	28,35.652	34,59,374	62,95,026	8,86,996	5,86,152	14,73,148

3.1. contd.

	istrict.		Gro	Gross cropped area.			
,		<b>/</b>	Irrigated.	Un-irrigated.	total.		
	(1)		(19)	(20)	(21)		
• hengalapattu			3,83,524	1,11,166	<b>4</b> ,94,690		
South Arcot			4,34,882	3,04,610	7,39,492		
North Arcot			4,22,633	3,12,871	7,35,504		
Salem			1,54,023	3,56,133	5,10,156		
Dharmapuri			91,364	4,40,564	<b>5,31,9</b> 28		
Coimbatore			3,83,971	4,71,311	8,55,282		
Gruchirappalli			2,36,312	4,47,731	<b>6,84,</b> 043		
Pudukkottai			1,20,802	1,09,221	2,30,023		
Thanajavur			6,06,107	2,80,113	<b>8,</b> 86,220		
Mádurai			2,93,667	3,92,220	6,85,887		
Ramanathapuram			2,88,609	3,80,651	6,69,260		
Tirunelveli			2,50,851	3,22,069	5,72,920		
The Nilgiris		• •	3,728	56,617	60,345		
Kan <b>p</b> iyakumari	**		52,175	60,249	1,12,424		
	STATE		37,22,648	40,45,526	77,68,174		

Irrigation.—Out of 6.3 million hectares of net area sown 2.8 million hectares or 45.0 per cent was irrigated. The percentage of net area irrigated to net area sown was maximum at 85.9 per cent in Thanjavur district. Chengalpattu district came next in order the percentage being 74.5 per cent followed by South Arcot with 62.1 percent and North Arcot district with 52.3 per cent. In Pudukkottai district it was marginally over 50 per cent. The figure was less than 50 per cent in the remaining districts of the State as indicated below:

	Distric	<i>t.</i>			Percentage of net area irrigated to net area
					sown.
Colmbatore		١.	• •	• •	41-4
Ramanathap	uram	3 4			40-5
Madurai	• •	••		••	37 <b>.7</b>
Tirunelveli	• •				36·2
Kanniyakum	ari		. •		35•2
Tiruchirappa	ßi		, -		28.7
Salem		••			25.2
Dharmapuri		, ,			17-1
The Wilgiris	• •			. :	<b>£ \$</b>

2. The different source of irrigation and the percentages of area irrigated by each to the total net area irrigated are indicated below:

Sources of irrigation.	Percentage of area irrigated to the total net area irrigated.
(1)	(2)
I Wells (Tube wells and ordinary wells.)	33.8
2 Government Canals	32.6
3 Tanks	32.1
4 Other sources including private can	als 1.5

Wells supplementing other irrigation sources constituted 5.3 per cent.

Government Canals and Tanks.—Government canals were the principal sources of irrigation in the district of Thanjavur (97.3 per cent) Tiruchirapalli (46.9 per cent), Coimbatore (46.5 per cent) and Kanniyakumari (43.2 per cent). The district in which tank irrigation was the important source are given below together with the percentage of area irrigated.

District.	Percentage of area irrigated from two k to the total net area irrigated in the district.				
(1)			(2)		
Ramanathapuram	• •		83-3		
Pudukkottai			<b>8</b> 0·9		
Chengalpattu			62.2		
Kanniyakumari		1	54-8		
Tirunelveli			50.7		
North Arcot			43-2		
Madurai			28.1		
South Arcot		• •	27.8		

Wells and other sources.—Wells including tube wells were the Chief irrigation source in Salem. Dharmapuri, Coimbatore, North Arcot, South Arcot, Madurai, Tiruchirapalli and Tirunelveli districts accounting for 76.0 per cent, 59.6 per cent, 51.9 per cent, 48.6 per cent, 45.5 per cent 45.4 per cent, 36.5 per cent and 35.9 per cent respectively.

Other sources of irrigation such as channels and kasams were important in the Nilgiris district where it accounted for 89.9 per cent.

Wells supplementing other trrigation sources.—Wells supplementing other irrigation sources served fairly large areas in North Arcot, Chengalpattu, and South Arcot Districts, their per centages to the total net area irrigated in the district being 12-1, 9-7 and 6-8 respectively.

Crops irrigated.—The total extent raised with crops (gross cropped area) was 7.8 million hectares and the net area sown was 6.3 million hectares. The differences represents the area on which more than one crop was raised. The area of crops irrigated in the State was 3.7 million hectares showed as increase of 0.7 million hectares an compared with the previous year. The

wrea of crops irrigated was as high as 77.5 per cent in Chengalpattu district followed by Thanjavur district with 63.4 per cent. The area of crops irrigated was less than 25 per cent of the gross area sown in the following districts.

District.					Percentage of the area of crops irriga ted to the gross area sown.
(1) Dharmapuri	••	• •	••	. •	(2) 17·2
The Nilgiris					6.2

Of the total area of crops irrigated 78.4 per cent accounted for Cereals and pulses, 4.5 per cent for sugarcane, 6.0 per cent for oil seeds (Groundnut, Gingelly and Castor) 4.0 per cent for Cotton and the remaining 7.1 per cent for other crops.

the area irrigated more than once was 0.9 million hectares.

3.2. AREA IRRIGATED BY SOURCES/CROPS 1977-78.

(AREA IN HECTARES).

					Net area in	rigated by.		
District	٠.			Government Canals and Private Canals.	Tanks.	Wells including tube wells.	Other sources.	Total net area irrigated.
(1)				(2)	(3)	(4)	(5)	(6)
Chennalpattu				8,589	1,62,200	82,246	7,536	2,00,571
South Arcot				83,755	99,481	1,62,681	11,410	3,57,337
North Arcot .				19,648	1,23,945	1,39,608	3,659	2,86,860
sale n			• •	15,908	8,188	82,926	2,155	1,09,177
Dharmapuri				8,379	16,011	43,370	4,993	72,753
Coimbatore				1,42,141	4,131	1,57,977	315	3,04,564
Tiruchirappahi				82,611	26,307	64,350	2,949	1,76,217
Pudukkottai				10,534	86,607	9,757	151	1,07,049
Thanjavur				4,61,267	2,985	8,134	1,608	4,73,994
Madurai				57,166	63,257	1,02.129	2,596	2,25,148
Ramanathapuram				467	2,13,013	42,133	239	2,55.852
Tirunelveli				22,667	3 <b>8,</b> 018	62,234	631	1,73,550
The Nilgins			••			375	3,353	3,728
Kanniyakumari	••	••	••	12,471	15 <b>,79</b> 7	378	206	28,852
STATE	••			9,25,603	9,09,940	9,58,308	41,801	28,35,652

3.2. AREA IRRIGATED BY SOURCES/CROPS, 1977-78-sont..

(AREA IN MECTARES)

Distr	District.			Paddy.	Wheat.	Other coraels and Pulses.	Sugar cane.	
(1)				(7)	(8)	(9)	(10)	
Chengalpattu		• •		3,23,764	••	17,677	3,612	
South Arcot				<b>3,04,19</b> 3	• •	30,862	28,202	
North Arcot	• •			3,08,870	66	25,823	35,973	
Salem	٠.			61,272	• •	29,946	13,430	
Dharmapuri	٠.			<b>49,5</b> 29	4	12,520	<b>9,5</b> 88	
Coimbatore	٠.		• •	1,18,190	44	81,214	32,403	
Tiruchirappalli				1,46,254	• •	29,805	14,160	
Pudukkottai				1,06,093		4,835	917	
Thanjavur				5,69,734		2,518	10,795	
Madurai	٠,	٠.		1,63,061	175	39,033	9,514	
Ramanathapuram				2 09,774		25,590	6,967	
Tirunelveli				1,67,458		25,287	1,287	
The Nilgiris				3,233	M A 7.1.	20	43	
Kanniyakumari		• •		49,248			••	
STATE		• •		25,80,673	289	3,25,130	1,66,891	

						(Area in Hectal	urs)
District				Cotton.	Oil seeds.	Others.	Tetal.
				(11)	(12)	(13)	(14)
Chengalpattu				175	30,950	7,346	3,83,524
South Arcot				5,181	52,630	13,814	<b>4,34,88</b> 2
North Arcot				881	41,222	9,798	4,22,633
Salem				6,300	11,658	31,417	1,54,023
Dharmapuri				4,390	7,582	7,751	91,364
Coimbatore	• •			62,475	52,940	36,705	3,83,971
Tiruchirappalli	٠.	٠.		2,446	14,026	29,621	2,36,312
Pudukkottai	• •			308	.5,744	2,905	1,20 802
Thanjavur	٠,			1,717	11,897	9,446	<b>6,06,10</b> 7
Madurai		•	4	37,576	13,217	31,091	2,93,667
Ramanathapuran.				11,283	8,257	26,738	2,88,609
Tirunelveli				14,442	9,813	32,564	2,50,851
The Nilgiris		• .		71		361	3,728
Kanniyakumasi		• •		••	1,148	1,779	52,175
STATE		••	••	1,47,245	2,61,084	2,41,336	37.22,648

## INDEX NUMBERS OF AGRICULTURAL ECONOMY.

The Index Number of area under crops has increased by 2.2 points from 108.1 in 1977-78 to 110.3 in 1978-79 and the Index Number of cropping intensity has increased by 2.1 points from 103.2 in 1977-78 to 105.3 in 1978-79

The Index Number of yield has increased by 6.2 points from 126.7 in 1977-78 to 132.9 points in 1978-79.

The Index of Agricultural production has increased by 9.5 points from 142.4 in 1977-78 to 151.9 in 1978-79.

The Index of cropping pattern has decreased by 0.3 points from 103.9 in 1977-78 to 103.6 in 1978-79.

The Index of productivity per hectare has increased by 9.1 points from 136.0 in 1977-78 to 145.1 in 1978-79.

3'3 INDEX NUMBER OF AGRICULTURAL ECONOMY (TRIENNIUM ENDED 1969-70=100)

			` -								
				Index of	area under	crops.	Inde	Index of yield.			
				1976-77	1977-78	1978-79	1976-77	1977-78	1978-79		
						(P)			(P)		
	(1)			(2)	(3)	(4)	(5)	(6)	(7)		
Food group.—											
Total Cereale				 96.6	105.5	103·3	122.9	133.8	145.4		
Total Pulses		. •		 131.2	136.8	170.6	115.8	123.1	132.1		
Total food group				 99.4	108.0	108 .6	122.7	133.5	144.9		
Non food group.—											
Oil seeds				 93.0	104.7	110.8	105.9	124.4	120.5		
Fibre				 84.6	114.5	115.8	133,4	152.6	139.0		
Plantation crops				 122.4	125.0	125.0	99.0	9 <b>7.</b> 7	97-7		
Condiments and spice	s		•	 119.9	130-3	144.5	127.3	73.0	69.5		
Fruits and vegetables				107.1	114.1	119.2	151,2	151.5	158.4		
Total Miscellaneous of	rops	. •		113.8	117.2	120.8	122,3	114.7	126,9		
Total non-food crops		* •		 98.2	108.4	114.4	120.6	121.1	123.3		
General	٠.		. ,	 99.0	108,1	110.3	121.5	126.7	2000		

# HIDEX NUMBERS OF AGRICULTURAL ECONOMY-cont.

# (TRIBNNIUM ENDED 1969-70=100)

					Index of agricultural production.			Index of cropping pattern.		
					1976-77	1977-78	1978-79	1976-77	1977-78	1978-79
							(P)			<b>(P)</b>
(1)					(8)	(9)	(10)	(11)	(12)	(13)
Food groups										
Total Coreals					115.4	144.7	153.7	97.2	102.5	102.2
Total Pulses					189.7	210.2	293.2	124.7	124.8	129.9
Total food group		· •	• •		117.0	146.1	156.6	95.9	101.3	99 <b>.6</b>
Non food group.—										
Oil Seeds		• •			108.0	133.5	134.8	109.7	102.5	100.9
Fibre					112.8	174.6	160.8	100.0	100.0	100.0
Plantation crops				a 1-	123.0	123.3	123.3	101.6	101,1	101.1
Condiments and spice	DE				153.9	95.9	100-1	100.9	100.7	99.6
Fruits and vegetables	• • •				158.3	174.4	192.4	97.8	100.8	101.9
Total Miscellaneous	crops				136.6	135.8	154.5	98.2	101.0	100.8
Total non-food crops					128.6	139.0	147.5	108.6	105.8	104.3
General		* *		. ~	123.2	142.4	151.9	102.3	103.9	103
					1976–	77	197 <b>7-7</b>	3	1978-	<b>7</b> 9 (¥)
Index of net area sov	<b>7m</b>			, .	99.9		104.7		104.3	
Index of Cropping int	encity				99.1		103.2			
Index of productivity P—Provisional.	per he	ctare			123.3		136.0			

# INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS.

The Index numbers of wages paid to the agricultural labourers during the quarter ended December 1979 have shown an upward trend over those of the previous quarter in all cases except for women under "Tending Cattle". The increase ranged from 29 points to 76 points while the decrease was noticed in respect of only one catagory by 13 points.

3-4. INDEX HUMBERS OF WAGES PAID TO CHETAIN CATEGORIES OF AGRICULTURAL LAPOURERS.

## (Base Year: 1960=100)

	1							
	Year   1	Meni	rh.			Men.	Women.	Non-adults.
			(1)			<b>(</b> 2)	(3)	(4)
1974	••			- •		322	296	341
1975	• •					405	391	418
1976						384	381	406
197			* *			395	398	439
1978						417	415	<b>45</b> 5
	Jasuary					413	428	476
	l chidar)					427	435	483
	March					436	442	476
	$\Delta pr^{ij}$			- 1		447	440	<b>4</b> 96
	May.				• .	<b>43</b> 9	430	498
	June.				, .	<b>44</b> 7	437	476
	July		٠			457	464	<b>49</b> 6
	Augusi					<b>4</b> 66	<b>47</b> 6	509
	September	. ,				481	513	556
	crober					505	536	584
	Nevember	• .				497	539	571
	December					495	<b>537</b>	602

3.4. INDEX NUMBERS OF WAGES FAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS—cont.

(Base Year: 1960=100)—cont.

	(	. م	,			Tending Cattle.				
	Year/1	Men!	7.			Men.	Women.	Non-adults.		
	(1	)				(5)	(6)	(7)		
1 <b>9</b> 74				• .		239	236	281		
1975						344	345	361		
1976						336	336	3 <b>5</b> 9		
1977		٠.				333	316	361		
1978	• •					327	322	366		
1979	January					307	325	411		
	February					288	325	407		
	March					294	325	380		
	April	٠.		• •		305	325	395		
	May					344	325	393		
	June					316	325	395		
	July	٠.				272	273	420		
	August				<b></b>	308	273	421		
	September					306	273	421		
	October		• •			361	260	489		
	November		- •			366	260	469		
	December				* >	382	260	466		

						Other agricultural labourers.						
						Men.	Women.	Non-adults.				
						(8)	(9)	·10)				
1974					• •	292	259	326				
1975						376	338	377				
1976			• •			386	346	394				
1977			• •			398	353	420				
1978					• •	421	358	435				
\979	January			• •	••	431	362	<b>47</b> 7				
	February					439	360	<b>47</b> 8				
	March				- •	440	379	436				
	April					448	378	490				
	May.,					446	392	493				
	June		••	• •		448	402	477				
	July		••		••	480	439	499				
	August		••	••	••	480	444	483				
	September		• •	٠.		486	445	490				
	October			••	٠.	509	471	514				
	November	٠	••	••	٠.	515	485	532				
	December	••	••	••	• •	515	486	530				

Estimates of area under principal crops for Kharif season of 1979-80 under Timely Reporting—Scheme.—The district-wise and cropwise estimates of area sown during the Kharif season of 1979-80 framed from the particulars collected in respect of 20 per cent sample villages selected under Timely Reporting Scheme for the year 1979-80 are presented in the tables 2—8 together with the corresponding estimates for the year 1978-79.

3.5 Estimates of Area under Paddy for Kharif Season—1979-80.

Estimated area in '000' hectares.

						1979–8●		
	D	istrict	•		Irrigated.	Total·	High yielding variety	
		(1)			(2)	(3)	(4)	
Chengalpattu		••	••	••	140	174	96	
South Arcot	••	••	••	••	168	177	142	
North Arcot					127	139	83	
Salem					<b>3</b> 3	35	17	
Dharmapuri					33	34	9	
Coimbatore				]	68	68	62	
Periyar				}	00			
Tiruchirappalli					61	91	30	
fhanja√u:		٠.			429	433	378	
Podud <b>k</b> otta	, .				46	36	41	
Madurai		4.1		· .	57	62	47	
Ramanathapura	m				50	92	28	
Firunciveli	• •	* *	٠.		44	47	24	
Kanniyakum <b>a</b> ci				**	34	34	5	
The Nilgiris		* *	• •	4 9	1	1	• •	
Sexes					1,294	1,443	966	

Estimated Area in '000' Hea
-----------------------------

	Distric	ct.		_	1978-79						
					Irrigated.	Total.	High yielding cartety.				
	(1)				(5)	(6)	(7)				
Chongaipattu					164	205	112				
South Arcot	•			••	129	139	72				
North Arcot					140	142	77				
Salem					36	37	17				
Dharmapuri					28	29	14				
Coimbatore				)	50	50◆	4 00 0				
Periyar				}	30	50 -	45•				
Tiruchirappalli			• •		59	76	40				
Thanjavur		• •	• •		413	422	377				
Pudukkottai					40	45	29				
Madurai					63	63	54				
Ramanathapuran	n				36	53	19				
Tirunclveli					27	27	16				
Kanniyakumari					33	33	5				
The Nilgiris			• •			Mar	••				
STA	TE	• •	• •		1,218	1,321	867				
						Percentage variation in	•				
1	D <b>ist</b> rict	•		Îr	rigated area over 1978–79.	Percentage variation in Total area over 1978-79.	Migh yielding area over 1978-79.				
1	District	•		Îr	rigated area over 1978-79.	Total area over	Migh yielding area				
I Chengalpatt <b>u</b>				Îr 	1978~79.	Total area over 1978-79.	Migh yielding area over 1978-79.				
	(1)			 	1978-79. (8)	Total area over 1978-79.	Migh yielding area over 1978-79.				
Chengalpattu	(1)			  	1978-79. (8) —14·6	Total area over 1978-79.  (9) —15·1	Migh yielding area over 1978-79.  (10) —14:3				
Chengalpattu South Arcot	(1)			  	1978-79. (8) 14·6 +30·2	Total area over 1978-79.  (9) -15.1 +27.3	#Igh yielding area over 1978-79. (10) 14:3 +97:2				
Chengalpattw South Arcot North Arcot	(1)		••	  	1978-79. (8) —14·6 +30·2 —9·3	Total area over 1978-79.  (9)15·1 +-27·32·1	#Igh yielding area over 1978-79. (10) 14:3 +97:2				
Chengalpattu South Arcot North Arcot Salem	(1)		••	   	1978-79. (8)14·6 +-30·29·38·3 +-17·9	Total area over 1978-79.  (9) -15·1 +27·3 -2·1 -5·4 +17·2	#Igh yielding area over 1978-79.  (10)14:3 +97:2 +7:3				
Chengalpattw South Arcot North Arcot Salem Ohormapuri	(1)		••		1978-79. (8)14·6 +-30·29·38·3	Total area over 1978-79.  (9)15·1 +-27·32·15·4	#igh yielding area over 1978-79. (10) 14·3 +97·2 +7·3				
Chengalpattu South Arcot North Arcot Salem Dharmapari Coimbatore	(1)		••		1978-79. (8)14·6 +-30·29·38·3 +-17·9	Total area over 1978-79.  (9) -15·1 +27·3 -2·1 -5·4 +17·2	#Igh yielding area over 1978-79.  (10)14:3 +97:2 +7:3				
Chengalpattw South Arcot North Arcot Salem Charmapuri Coimbatore Periyar	(1)  				1978-79. (8)14·6 +-30·29·38·3 +-17·9 +-36·0	Total area over 1978-79.  (9) -15·1 +27·3 -2·1 -5·4 +17·2 +36·0	#Igh yielding area over 1978-79.  (10)14·3 +97·2 +7:3  @ +37.8				
Chengalpattw South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar Firuchirappalli	(1)  			(Ir	1978-79. (8) -14·6 +30·2 -9·3 -8·3 +17·9 +36·0	Total area over 1978-79.  (9) -15·1 +27·3 -2·1 -5·4 +17·2 +36·0 +19·7	#Igh yielding area over 1978-79.  (10)14·3 +97·2 +7·3  # 4-37.8 25·0				
Chengalpattu South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar Ciruchirappalli Thanjavur	(1)   				1978-79. (8)14·6 +-30·29·38·3 +-17·9 +-36·08·5 +-3·9	Total area over 1978-79.  (9)15·1 +-27·32·15·4 +-17·2 +-36·0 +-19·7 +-2·6	#Igh yielding area over 1978-79.  (10)14·3 + 97·2 + 7·3  #				
Chengalpattu South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar Ciruchirappalli Thanjavur Pudukkottai	(1)   			· · · · · · · · · · · · · · · · · · ·	1978-79. (8)14·6 +-30·29·38·3 +-17·9 +-36·08·5 +-3·9 +-15·0	Total area over 1978-79.  (9)15·1 +-27·32·15·4 +-17·2 +-36·0 +-19·7 +-2·6 +-24·4	#Igh yielding area over 1978-79.  (10)14·3 +97·2 +7·3  # 4-37.8 25·0 +0·3 +41·4				
Chengalpattu South Arcot North Arcot Salem Charmapuri Coimbatore Periyar Ciruchirappalli Thanjavur Pudukkottai Vadurai Camanathapuri	(1)   			· · · · · · · · · · · · · · · · · · ·	1978-79. (8) -14·6 +30·2 -9·3 -8·3 +17·9 +36·0 -18·5 +3·9 +15·0 9·5	Total area over 1978-79.  (9)15·1 +-27·32·15·4 +-17·2 +-36·0 +-19·7 +-2·6 +-24·41·6	#Igh yielding area over 1978-79.  (10)14·3 +-97·2 +-7·3				
Chengalpattu South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar Firuchirappalli Thanjavur Pudukkottai Madurai Ramanathapuri	(1)    			· · · · · · · · · · · · · · · · · · ·	1978-79. (8)14·6 +-30·29·38·3 +-17·9 +-36·0	Total area over 1978-79.  (9) -15·1 +27·32·15·4 +17·2 +36·0 +19·7 +2·6 +24·4 -1·6 +73·6	#Igh yielding area over 1978-79.  (10)14·3 +97·2 +7:3   #  437.8 25·0 +0·3 +41·413·0 +47·4				
Chengalpattw South Arcot North Arcot Salem Dharmapari Coimbatore Periyar Ciruchirappalli Thanjavur Pudukkottai Wadurai Lamanathapur Cirunelveli	(1)    			· · · · · · · · · · · · · · · · · · ·	1978-79. (8) -14·6 +30·2 -9·3 -8·3 +17·9 +36·0 +8·5 +3·9 +15·0 9·5 +38·9 +63·0	Total area over 1978-79.  (9) -15·1 +27·3 -2·1 -5·4 +17·2 +36·0 +19·7 +2·6 +24·4 -1·6 +73·6 +74·1	#Igh yielding area over 1978-79.  (10)14-3 +-97-2 +-7-3				

\*Variation is large and hence not shown.
\*Included Periyar district also.

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3.6. Estimates of Area under CHOLAM for Kharif Season—1979-80.

District.				Estimated are Hectares in 1		Estimated are Hectares i	a in ' 00 ' n 1978–79.	Percentage variation of irrigated	Percentage variation of Total
				Irrigated.	Total.	Irrigated.	Total.	area over 1978-79.	area over 1978-79.
	(1)			(2)	(3)	(4)	(5)	(6)	(7)
Chengalpassu	••	••	••	0	1	1	2 -	••	<b>_50·0</b>
South Accot	••	••	••	13	234	10	153	+30.0	+529
North Arcot	••	••	••	9	241	2	239	@	+0.8
Salem;	••		• •	58	507	61	540	4-9	6.1
Dharmapuri	• •	••	••	30	419	17	459	+76.5	<b>8·7</b>
Coimbatore ]	••	• •	••	91	996	169*	1 100+	. 17.3	. 26.0
Periyar }	• •	• •		107	512	109*	1,109*	+17-2	+36.0
Tiruchirappalli		• •	• •	27	958	27	841	••	+13.9.
Fhanjavur		• •	• •	5	9	11	12	<b>—54·6</b>	- 25•0
Pudukk <b>ettal</b>	•• 、	• •		10	37	11	27	<u>9•1</u>	+37.0
Madurai	• •	• •		69	1,014	42	549	+64•3	+84.7
Ramanathapura	m		• •	6	51	3	33	+100.0	+54.6
Tirunelveli		• •	• •	57	85	69	129	17-4	-34-1
ST	ATE	• •	• •	482	5,064	423	4,093	4-14-0	+23•7

<sup>@</sup>Variation is large and hence not shown.

<sup>\*</sup>Includes Periyar district also.

3.7. Estimates of area under CUMBU for Kharif Season—1979-80.

District. —				Estimated ar Hectares in		Estimated are Hectares is		Percentage variation of irrigated	Percentage variation of Total
Dis	(1)			Irrigated.	Total.	Irrigated.	Total.	area over 1978–79.	area over 1978-79.
				(2)	(3)	(4)	(5)	6	(7)
Chengalpattu	••	••	••	25	46	18	33	38-9	39•4
South Arcot	••	••	••	112	684	89	6 <b>76</b>	25.8	1.2
North Arcot	••	••	••	44	121	34	101	29-4	19-8
Salem	••	••	••	17	190	33	272	<b>—48·5</b>	<b>30-1</b>
Dharmapuri	••	••	••	11	83	7	85	57-1	98•8
Coimbatore	••	••	••	30	64	254	384+	10-7	—38· <b>8</b>
Periyar	• •	• •	• •	53	171	75*	304-	107	-30.0
Tiruchirappalli	• •	• •	• •	108	676	105	706	2.9	-4.2
Thanjavur	• •		• •	1	8	1	13	0	<b>38·5</b>
Pudukkottai	• •	• •		0	10		58	••	82-8
Madurai	• •	• •		65	201	34	158	9-12	27-2
Ramanathapure	LECTI .	• •	• •	14	88	13	62	7.7	41-9
Tiruneiveli		• •	• •	10	49	19	50	<b>—17-4</b>	-2-0
SI	TATE	••	••	490	2,391	428	2,598	14-5	-4-7

\*Includes Periyar district also.

3-8. ESTIMATES OF AREA UNDER RAGI FOR KHARIF SEASON,-1979-80.

District.			Estimated Art Hectares	ea in " 00 " 1979–80.	Estimated Are Hectares 1		Percentage difference over 1978-79.	
DISTRICT	•		Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.
(1)			(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu			58	69	63	93	()7-9	()25·8
South Arcot	••		56	62	42	46	+)33•3	+34.8
North Arcot			40	74	30	40	(+)33·3	(+)85.0
Salem	••	••	7	216	17	227	()58·8	()4·8
Dharmapuri	••	••	44	672	21	693	@	()3·8
Coimbatore	••	••	24	337	0.4	480		
Periyar .			65	123	86*	173	(+)3·5	(—)9·8
Tiruchirappalli		• •	19	29	34	40	()44·1	()27-5
Thanjavur	• •		4	4	13	16	()69·2	()75•0
Pudukkottai		• •	2	29	6	28	(—)66•7	(+)3·6
Madurai'		• •	29	35	26	42	(+)11.5	(~ )16.7
Ramanathapuram			35	70	51	75	()31·4	( )6·7
Tirunelveli	• •	• •	30	30	46	46	()34•8	()34·8
STATE		• •	413	1,446	435	1,519	()5-1	(—)5·1

Variation is large and hence not shown.
 Includes Periyar district also.

3.9 ESTIMATES AREA UNDER COTTON FOR KHARIF SEASON 1979-80.

70.00			Estimated ar hectares,	rea <b>in '</b> 00 <b>'</b> 1979–80.	Estimated (	area in ' 60 ' 978–79.	Percentage difference over 1978-79.	
Distri	ict.		Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.
(1	)		(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu			0	0	0	0	••	
South Arcot			35	59	27	44	29-6	34.1
North Arcot			7	8	7	11		( <del></del> ) 27:3
Salem · ·			61	110	83	162	<b>(—)</b> 26⋅5	( <del></del> ) 32·1
Dharmapuri		• •	28	32	19	26	47-4	23·1
Coimbatore			133	1967	1054	213*	5.6	15.9
Periyar			51	51 }	195*	213*	3.0	13.3
Tiruchirappalli			5	16	10	27	() 500	( <del></del> ) 40· <b>7</b>
Thanjavur			1	2	3	3	-66.7	() 33·3
Pudukkottai			1	2	0	1		100.0
Madurai			126	266	213	374	( <del></del> ) 40·8	<b>(—</b> ) 28·9
Ramanathapuran	n		144	289	5	130	@	@
Tîrunelveli			172	211	87	114	97.7	85-1
	STATE	670	764	1,242	649	1,105	17.7	12.4
					-			

<sup>@</sup> Variation is large and hence not shown.

<sup>\*</sup>Includes Perlyar district also.

3-10. Estimates of Area under Groundnut for Kharif Season, 1979-80.

District.		Estimeted of hectares,	area in '00' 1979–80.	Estimated ( hectares 1		Percentage difference over 1978-79.				
***				Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.	
	(1)			(2)	(3)	(4)	(5)	(6)	(1	
Chengalpattu		•••	••	78	327	48	328	62 5	( <del>-)</del> 0·3	
South Arcot		• • •		75	881	63	889	19.0	() 0.9	
North Arcot	• -	••	• •	57	1,652	65	1,807	<b>— 12·3</b>	() 8-6	
Salem	• •	••		57	955	32	1,062	78.1	(—) 10-1	
Dharmapuri		• •	••	14	493	11	422	27-3	() 4.5	
Coimbatore				34	368)				44.0	
Periyar		• •		108	ر 363	86*	642*	65-1	13.9	
Tiruchirapalli	••			99	453	61	437	62.3	3.7	
Thanjavur				6	126	21	95	() 71·4	32.6	
Pudukkottai				24	407	96	265	75-0	53-6	
Mađurai			• •	107	610	51	498	@	22.3	
Ramanathapur	am			26	257	13	156	@	64-7	
Tirunelveli	• •			37	40	32	84	15-6	(—) 5 <b>2.4</b>	
		STATE	• •	722	6,842	579	6,685	24.7	2.3	

<sup>@</sup>Variation is large and hence not shown.

3.11. ESTIMATES OF AREA UNDER POTATO FOR KHARIF SEASON 1979-80.

District.	Estimated a hectares	area in '00' in 1979-80.	Estimated a hectares in	area in '00' 1978–79.	Percentage variation over 1978–79.	
2.231.50.	Irrigeted.	Total.	Irrigated.	Total.	Irrigated.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
The Nilgiris	• • •	<b>6</b> 6	0	20	••	@

@Variation is large and hence not shown.

<sup>\*</sup> Includes Periyar district also.

### AREA AND YIELD OF COCONUT AND ARECANUT IN TAMIL NADU.

According to the provisional estimates of Coconut and Arecanut survey, the estimated area under coconut in Tamil Nadu for 1978-79 was 110,720 hectares and its total production was, 1,056-60 million nuts when compared with the previous year, the estimated area and production of coconut showed an increase of 0.9 per cent and 1.7 per cent respectively. The estimated area under arecanut was 4,160 hectares with the total production of 2,947 tonnes of cured arecanuts, recording an increase of 2.5 per cent and 2.3 per cent respectively over the previous year.

The estimated number of coconut plains for the year 1978-79 was 36·19 millions. Bearing palms which were 67·17 per cent of the total palms yielded 1,056·60 million nuts.

Estimated number of arecanut palms was 7.6 millions. Bearing palms which were 70.76 per cent of the total palms yielded 2,947 tonnes of cured arecanuts.

3-12. ESTIMATED AREA, NUMBER OF PALMS AND PRODUCTION OF COCONUT-1978-79 (PROVISIONAL).

	Serial numb <b>e</b> r	and o	listrict.			Estimated area in hectares.	Estimated number of palm in '000'.	Estimated production in '000' nut.
		(1)				(2)	(3)	(4)
I. Village	-Reported to	be G	rowing	Cocon	ut alon	e. —		
1 Che	ngalpattu					3,350	879	30,298
2 Sou	th Arcot					2,160	660	18,828
3 No	rth Arcot					6,200	2,393	73,906
4 Sale	em					7,210	3,361	1,36,880
5 Dh	arma <b>puri</b>					7,410	2,637	56,768
6 Coi	mbatore	• •				14,510	4,946	1,68,438
7 Tir	uchirappalli					3,920	1,803	58,067
8 Th:	anjavur					18,760	5,930	1,90,659
9 Pu	dukkottai				• •	1,790	782	17,110
10 Ma	durai	••			• •	6,230	2,637	60,022
11 Ra	manathapura	m		••	••	8,470	2,160	38,446
12 Tir	unelveli			••		4,400	954	20,283
13 Ka	nniyakumari	••	• •	• •	. •	16,570	3,893	1,01,447
			Sub-	total	••	1,01,040	33,035	9,71,152
ii. Villa	ges reported to	be n	ot grou	ing co	conut.	9,680	3,158	85,443
			1	State	••	1,10,720	36,193	10,56,595

# 3-13. Estimated Area, Number of Palms and Production of Arecanut—1978-79

	PROVISIONAL). Estimated area in hectures.	Estimated number of palms in '000'.	Estimated production of cured nuts in tonnes.
(1)	(2)	(3)	(4)
I. Villages reported to be growing Arecanut.—			
1 Salem and Dharmapuri	1,292	2,170	795
2 Coimbatore	1,247	2,319	893
3 Tiruchirappalli Thanjavur Madurai and Tirunelveli	181	<b>2</b> 20	1 31
4 Kanniyakumari	1,440	2,694	1,128
II. Villages reported to be not growing Arecanut—	· –	Negligib <b>le.</b>	_
State	4,160	7,403	2,947

## MINOR CROPS.

During 1977—78, the total area for the districts covered under onion, chillies, potato (winter and summer combined) and tapioca was 18,045, 77,961, 11,424 and 50,878 hectares respectively while the estimated production of these crops was 1,89,360, 64,550, 99,450 and 12,62,890 tonnes respectively.

3.14 Area and Average Yield of Onions, Chillins, Potato and Tapica 1977-78.

	District.							Area under the crop in hect- ares as per season and crop report.	Estimated average yield in kg./ bectere	Estimated production in tonnes.
		(1	.)					(2)	(3)	(4)
Onlon :										
1 North Arcet	• •	••	••	••	••	• •		318	9,100	2,890
2 Salem			**	••	••	••	••	1,800	17,507	31,510
3 Coimbatore		••			••	••	••	3,819	10,839	41,390
4 Tiruchirappalli						••		2,325	10,540	24,510
5 Mađurai	••	• •			••	••		₹,298	9,505	69,370
6 Ramanathapuras	n		••	••		• •	••	1,419	<b>5,</b> 652	<b>\$,0</b> 20
Tirunelveii For the distrct cove	rod	••	••	••	::		••	1,066 18,845	10,950 10,494	11,67 <b>6</b> 1,89,3 <b>6</b> 0
					S	ate	••	19,393		2,03,510

El4 AREA AND AVERAGE YIELD OF ONIONS, CHILLIES, POTATO AND TAPIOCA 1977-78-cont.

(1)					··· · · · · · · · · · · · · · · · · ·		<u></u>	(2)	(3)	(4)
Chillies: Average Yiel	d and	Prod	uction o	of dry o	hilles.					
1 Chengalpattu	••		••					<b>3</b> ,938	2,010	7,920
2 North Arcot	• •							1,754	738	1,300
3 Salem								1,475	333	490
4 Dharamapuri							••	1,162	674	780
5 Coimbatore	••							5,890	325	1,910
6 Tiruchirappalli	••							11,550	800	9,240
7 Pudukkottai	••	••				* *		2,320	1,810	2,340
8 Madurai					4 7			6,206	1,352	8,390
9 Ramanathapurar	n	* *						25,479	500	12,740
10 Tirunelveli	• •							18,187	1,069	19,440
For the districts co	vered							77,961	828	64,5 <b>50</b>
						State	•	80,983		67,050
Petato (Winter)—										
1 Dharmapuri	* *							78	20,622	1,610
2 Madurai								2,28\$	18,708	42,800
3 The Nilgiris								7,394	5,455	40,330
For the Districts co	vered							9,960	8,683	84,740
						State		9,761	* *	84,750
Petato (Summer)—							05			
1 Madurai	* *							449	12,311	5,530
2 The Nilgiris						• •		1,215	7,556	9,180
For the districts cov	rored	* *						1,664	8,839	14,710
						State		1,664		14,710
Tapioca—										
1 Chengalpattu			• •					571	9,87\$	5,640
2 South Arcot			••					7,226	20,455	1,47,810
3 Salem				• •	••			24,942	29,380	7,32.800
4 Dharmapuri						••		2,439	26,028	63,480
5 Coimbatore	••		••	• •		• •		747	34,488	25,760
6 Tiruchirappalli						• •		1,242	30,355	37,700
7 Kanniyakumari					••		• •	13,027	18,168	2,36,680
8 The Nilgiris		•	.,	••	••			684	19,028	13,020
For the Districts cov	ered	• •		• -		••		50,878	24,822	12,62,890
						State		52,786		13,10,250

## SALIENT FEATURES OF THE CROP PROSPECTS.

The North-East monsoonic showers were in time during the beginning of the quarter, giving an alluling impetus to the agricultural operations in the State. The State had experinced heavy, vehement downpour during the middle of the quarter due to the fierce outbreak of North-East Monsoon, the rains caused copius supply of water to almost all tanks and reservoirs of the state enriching the irrigational potentiality and ensuring sufficient water supply for the crops of the rabi summer seasons.

The coin, however, is not without the other side. The set-back suffered due to heavy hood havoc in Madurai, Ramanathapuram and Tirunelveli districts were being overcome with quick and more effective remedial measures, taken especially with reference to Agricultural sector.

The standing samba and thaiadi paddy crops were submerged in water in certain regions of Thanjavur cistrict. The late transplanted Kuruvai paddy which got matured and about to be harvested also suffered badly in certain pockets.

Paddy fields were reported to be under water in same parts of South Arcot, Tiruchirapall, Tirunelveli and Kanniyakumari districts for certain period during the time of continous rains.

Transplantation of samba paddy was almost completed in all the districts

Sugarcane crop was being harvested extensively in South Arcot and Coimbatore districts. The harvest of Kuruvai paddy in Thanjavur District had been completed.

Groundnut crop was harvested extensively in Dharmapuri district. The outturn was normal.

The standing Thalady Samba paddy were in good condition in Thanjavur district.

With adequate water supply from Ponnaiyar reservoir the standing crops in Tiruchirappali District were coming up well. The standing crops in Salem District were better nourished with bounteous supply of water from Mettur Dam.

The supply of water from Peachiparai and Perunchani reservoirs in Kanniyakumari district and Lower Bhavani Project and Kalingarayan channel in Periyar District had ensured conducive growth conditions of the standing crops in those regions and better results anticipated.

Severe frost winter season is now prevailing in the Nilgiris district during night time. It feared that the standing crops particularly potatoes, tea, coffee and Vegetables will have very is bad effect on account of frost.

The condition or the standing crops in all other districts of the State is good;

The preliminary estimates of area and production of certain crops framed during the quarter are presented below in the table.

2 15. SUMMARY OF FORECAST REPORT ON CENTAIN CROPS.

Name of the crop.				Name of the nearly and	Area in .	Percentage		
		ue crop	).		Name of the report and period of coverage.	1979- 80.	1978–79.	variation,
		(1)			(2)	(3)	(4)	(5)
Cotton	••	• •	• •		Second forecast report upto, September 1979.	84,040	73,540	+14.3
Paddy	••	••	••	••	First forecast upto September 1979.	7,83,000	8,30,000	5· <b>7</b>
Gingelly	••	• •	••	••	Second forecast upto Septmber 1979.	67,050	60,530	
Mesta	••	••		••	Do.	180	160	+12.5
Sugarcane	••				Do.	84,300	80,540	+4.7
Cholam	••	• •		* *	First forecast up to September 1979.	3,30,000	3,33,500	-1.0
Cumbu					Do.	1,71,000	1,68,000	+1.8
Ragi					Do.	1,37,500	1,41,000	-2.5
Korra					Do.	12,000	11,750	+2.1
Varagu					Do.	1,36,800	1,33,700	+2·3
Samai				. ,	Do,	96,650	96,400	+0.3
Groundnu	t	4 4	• •		Second forecast upto October 1979.	8,16,000	8,26,800	—1· <b>3</b>
Cotton					Third forecast upto November 1979.	1,93,100	1,83,550	+5.2
Paddy	••		• •		Second Forecast upto November 1979.	18,00,000	16,72,000	+7· <b>7</b>

Name of the crop.				Production in	Production in Tonne.		Remarks.		
rame of the crop.			1979-80	197879	Percentage variation.	Activating.			
		(1)			(6)	(7)	(8)	(9)	
Cotton					Not framed for	this report.			
Paddy	••	4.4	* *	• •	Do.				
Gingelly		••			Do.	•	••	••	
Mesta	• •	••	••	••	790	700	+12.9	Interms of bales of 120 each kg.	
Sugarcan	ie	••	••	• •	7,33,090	6,50,820	+12.6	••	
<b>C</b> holam	••				(Not framed for	or this report)	••	••	
Cumbu	••	••	••		Do.		••	••	
Ragi	• •	••	• •		Do.			••	
Korra	••	••	••	••	Do.	•		••	
Varagu		• •	• •		Do.	•	• •	••	
Samai					Do.	•	• •	••	
Groundr	ut	• •	• •		7,66,070	7,58,360	+1.0	Interms of unshelled nuts.	
€2otton	••	••		••	3,11,860	2,97,620	+4.8	Interms of bales of 170 kgs lint each.	
addy	••	••	••	• •	34,67,000	32,14,000	-∤-7-9	Interms of rice.	

### IV. INDUSTRIES.

## RESULTS OF ANNUAL SURVEY OF INDUSTRIES.

Annual Survey of Industries is conducted by National Sample Survey Organisation, Government of India under the collection of Statistics Act, 1953 and Collection of Statistics (Central) Rules, 1959.

The factories registered under sections 2 m (i) and 2m (ii) of the Factory Act, 1948, and the Beedi establishment are covered by the survey.

The survey is covered under two parts viz., Census and Non-Census. Factories employing 50 or more workers—using power and 100 or more workers—not—using—power are covered under the census sector. Factories employing 10 to 49 workers—using power, 20 to 99 workers—not using power are covered under non-census sector. The survey excludes—from—its purview, the units engaged in defence production storage—and distribution of oils, restaurants, cafes and technical institutions not reducing anything—for sale of exchange—eventhough they are registered as factories under the Factories Act, 1948.

The survey for the year 1976-77 is the latest for which results are available and the same has been given in this issue.



# 4.1. ANNUAL SURVEY OF INDUSTRIES 1976-77.

# SUMMERY RESULTS FOR FACTORY SECTOR.

DOMMENT RESUL	IS FOR PACIE	MI BECIOR.			
Industrial Group.	Number of factories · (Nos)	Fixed Capital (Rupees in lakhs).	Working capital in lakhs.	(Provisional) Productive capital (Rupees in	nvested capital (Rupessin lakhs.)
(1)	(2)	(3)	(4)	lakhs.) (5)	(6)
20-21. Manufacture of food Production	2,144	6,879	<b>4,</b> 19 <b>9</b>	11,078	12,773
22 Manufacture of Beverages, Tobacco and Tobacco Products.	728	597	322	91 <b>9</b>	1,118
23 Manufacture of cotton Textiles	960	10,772	4,264	15,036	23,663
24-25 Manuafacture of wool, silk, synthetic fibres, jute hamp and Mesta Textiles.	165 3	1,060 2	711 1	1,771 3	1,615 4
26 Manufacture of Textile products	343	483	625	1,108	1,125
27 Manufacture of wood and wood products, furniture, Fixtures.	175	148	283	431	310
28 Manufacture of paper, paper products print ing publishing etc.	- 579	4,683	1,898	6,581	6,406
29 Manufacture of leather and leather products.	394	1,807	940	2,747	5,711
30 Manuafacture of Rubber plastic petrolium and coal products	199	5,383	4,521	9,904	11,968
31 Manfacture of chemicals and chemical products.	592	30,258	6,038	36 <b>,29</b> 6	46,079
32 Manufacture of non-metallic mineral products.	081	5,233	21,30	7,363	8,542
33 Manufacture of Basic metal and Alloy Industries.	390	5,145	2,536	7,681	9,001
34 Manufacture of metal products except machinery and Transport equipments.	333	1,086	1,570	2,656	2,593
35 Manufacture of Machinery and machine tools etc.	459	<b>7,5</b> 99	16,966	24,565	23,804
36 Manufacture of Electrical machinery apparatus etc.	199	1,716	1715	3,431	4,268
37 Manufacture of Transport equipment and parts.	162	5,551	6,439	11,990	13,333
38 Other Manufacturing industries	79	702	186	888	1,274
40 Electricity	6	53,356	5,291	58,647	<b>5</b> 6,818
41 Gas and Steam	3	7	9	16	12
42 Water works and supply	6	72	1	73	82
91 S unitary services	14	31	3	34	34
95 Recreational and cultural sérvices	17	113	26	139	127
96 Parsonal services	12	8	. 1	9	8
97 Repair services	397	2,688	2,011	4,897	4,831
State	8,539	1,45,575	62,687	2,08,263	2,35,499

Industrial Group.	Outstanding Loan in lakhs	Mandays worked (Nos).	All workers numbers	All employee <sup>s</sup> (Numbers).
(1)	(8)	(9)	(10)	(11)
20-21 Manufacture of food production	6,432	203	96,892	1,25,681
22 Manufacture of Beaverages Tobacco and Tobacco Products.	987	45	13,277	16,475
23 Manufacture of cotton Textiles	15,797	418	1,21,523	1,35,517
24- Manufacture of wool, silk synthetic fibres, jute hemp and Mesta Textiles.	747	27	7,744	8,799
25 Do	3	1	333	342
26 Manufacture of Textile products	966	35	10,752	12,551
27 Manufacture of wood and wood products, furniture, Fixtures.	203	13	3,919	4,808
28 Manufacture of paper, paper products printing publishing.	3,822	85	21,480	31,905
29 Manufacture of leather and leather products	2,884	60	16,940	19,168
30 Manufacture of Rubber, plastic, petroleum and coal products	2,645	43	11,909	14,874
31 Manufacture of chemicals and chemical products.	32,831	180	50,796	61,127
32 Manufacture of non-metallic mineral products.	4,061	63	15,974	20,320
33 Manufacture of Basic metal and Alloy Industries.	5,124	70	54,077	<b>72,4</b> 73
34 Manufacture of metal products except machinery and Transport equipment.	1,563	42	1,1159	14,416
35 Manufacture of Machinery and machine tools, etc.	6,105	128	30,976	43,249
36 Manufacture of Electrical machinery, apparatus, etc.	2,359	50	13,248	17,732
37 Manufacture of Transport equipment and parts.	4,776	170	40,348	<b>54,</b> 861
38 Other Manufacturing industries	811	14	3,543	4 <b>,7</b> 57
40 Electricity	44,167	248	53,735	67,594
41 Gas and Steam			38	65
42 Water works and supply		2	320	456
91 Sanitary services	* *	1	225	241
95 Recreational and cultural services	60	4	1,004	1,311
96 Personal services	6	1	324	394
97 Repair services	163	70	16,126	42,446
State	1,36,024	1,971	5,96,662	771,56

RUPEES IN LAKHS.

					EARTS.	
Industrial Name and the Industry group. Group.	Wages to workers.	Emoluments to employees.	Fuels etc. consumed.	Material consumed.	Other input.	Totai input,
(1)	(12)	(13)	(14)	(15)	(16)	(17)
20-21 Manufacture of food production.	1,188	2,008	1,073	25,729	4,612	31,414
22 Manufacture of Beverages, Tobacco and Tobacco products.	248	379	92	2,547	3,022	5,661
23 Manufacture of cotton textiles.	6,129	7,323	2,778	39,025	4,927	46,730
24 Manufacture of wool, silk synthetic fibres, Jute and mesta Textiles.	355	438	337	3,008	341	3,686
25 Do.	6	7	* #	5	3	8
26 Manufacture of Textile products.	217	288	38	2,781	814	3,633
27 Manufacture of wood and wood products, furniture						
fixture.	74	112	17	389	141	547
28 Manufacture of paper, paper						
products printing publishing.	904	1,427	649	4,769	1,261	6,679
29 Manufacture of leather and fur products.	650	862	138	14,981	2,850	17,969
30 Manufacture of Rubber, plastic petrol. um and coal products.	600	1419	641	33,473	1,640	35,754
31 Manufacture of chemicals and chemical products.	1,322	2.484	5,436	22,768	4,557	32,761
32 Manufacture of non-metallic mineral products.	689	1,160	3,111	5,480	1,060	9,651
33 Manufacture of Basic metal and Alloy Industries.	824	1,320	1,506	7,277	1,639	10,422
34 M mufacture of metal products except machinery and Transport equipments.	445	736	147	2,490	1,197	3,834
35 Manufacture of machinery and machine tools, etc.	1,804	3,471	597	16,796	3,930	21,323
36 Manufacture of Electric machinery, approatus, etc.	722	1,260	156	6,096	714	6, 00
37 Manufacture of Transport equipment and parts.	2,827	4,907	708	18,082	2,315	21,105
38 Other manufacturing Industries	152	268	53	725	175	953
40 Electricity	2,795	3,933	2,769	7,255	2,668	12,692
41 G is and Steam		5	1	13	15	29
42 Water works and supply	13	20	70	16	2	88
91 Sanitary series	10	12	15		3	13
95 Recreational and cultural	3 !	54	15	31	33	79
Services 96 Personal services	] {	1-1	9	8	8	25
97 Repair Services	773	1,186	237	1,818	1,848	3,903
State	22,799	34,824	20,592	2.15.561	39,780	2,75 933

RUPERS IN LAKES.

	lestrial Name and Industry oup Group	Products.	Other output.	Total output.	Deprecia- tion.	Value added.	Factor payment.	Net income
20	-21 Manufacture of food production.	(18) 32,662	(19) 4,158	(20) 36,820	(21) 693	(22) 4,713	(23) 956	(24) 3,757
	Manufacture of Beverage Tobacco and Tobacco products.	3,886	2,539	6,425	48	716	151	565
23	Manufacture of cotton textiles.	54,414	3,517	57,931	1,230	9,971	2,361	7,610
2.1	Manufacture of wool, silk synthetic fibres, Jure and mesta Textiles	4.222	130	4,352	126	540	103	437
25	Do.	2	17	19	• •	11	1	10
26	Manufacture of Textile products.	3,663	603	4,266	55	578	146	432
27	Manufacture of wood and wood products, furniture and fixture.	554	189	743	10	186	24	162.
28	Manufacture of paper, paper products printing publishing.	8,350	3,053	11,403	460	4,264	456	3,808
29	Manufacture of leather and fir products.	17,255	3,275	20,530	199	2,362	398	1, <del>9</del> 64
30	Manufacture of Rubber plastic petroleum and coal products.	39,916	776	40,692	834	4,104	427	3,677
31	Manufacture of chemicals and chemical products.	37,538	2,642	40,180	3,063	4,356	3 <b>,9</b> 71	385
32	Manufacture of non-metallic mineral products.	12,456	229	12,685	410	2,624	<b>\$</b> 02	2.122
<b>3</b> 3	Manufacture of Basic metal and Alloy Industries.	11,711	1,558	13,269	532	2,315	810	1,505
34	Manufacture metal products except machinery and Transport equipment.	4,113	1,351	5,464	172	1,458	194	1,264
35	Manufacture of machinery and machine tools, etc.	30,846	2,564	33,410	750	11,337	1,583	9,754
36	Manufacture of Electrical machinery apparatus, etc.	9,506	433	9,939	198	2,775	<b>4</b> 18	2,357
37	Manufacture of Transport equipment and parts.	27,777	2,904	30,681	730	8,846	686	8,157
38	Other Manufacturing Indus-	1,146	309	1,455	65	<b>4</b> 37	156	281
40	tries.	19,706	135	19,841	1,943	5,206	3,091	2,115
	•	23	19	42	1	12	••	12
	Gas and Steam	149	• •	149	5	5€	• •	56
	Water works and supply		32	32	2	12		12
	Sanitary services		วกก	300	1.4	10=		_
.5	Recreational and cultural services.		200 45	200 48	14 1	107 22	15	92
₹0	Personal services	221	5,213	5,434	148	1,383	2	2
7	Repair Services	1 i	J, 21 J	T.I'T	170	1,505	41	j 1,342
	State	3,20,121	35,891	3,56,012	11,690	68,389	16,494	51,895

## INDUSTRIAL PRODUCTION BY PRODUCTS.

Industrial Prediction increased during the quality and dead September 1979 and 1979 in the quality ended 1979.

Yarn (71:4 per cent), Printing Paper (39:1 per cent), Superior Kerosene (29:1 per cent), Superior (29:1 per cent), Superior

Sizable decreases in output were observed in respect of Gypsum (47.3 per cent), Sugar Refined (98.0 per cent). Ten Processed (26.8 per cent), Points and English (42.5 per cent), Varnishes (54.8 per cent), Tractors (87.9 per cent), Diesel Engines (22.0 per cent), Transformers (22.1 per cent), Completed Motor Vehicles (20.2 per cent), Motor Cycles (44.2 per cent) and Synthetic Gem Stones (33.4 per cent).



4-2. INDUSTRIAL PRODUCTION BY PRODUCTS.

			4-2. Industrial				
Sericl number and name of the product.			_	_	Production during.		
	product.		Unit.	April 1979. (R)	May 1979. (R)	June 1979. (P)	Tetal.
	(1)		(2)	(3)	(4)	(5)	(6)
	Mining.						
1 Lignite			Tonne.	3,04,3 <b>34</b>	2,60,392	3,24,706	<b>8,89,342</b>
2 Bauxite			,,	7,364	7,161	5,663	20,188
3 Limestor	ne .,	• •	**	3,61, <b>667</b>	3,78,653	3,97,000	11,37,320
4 Magnesi	te	••	**	15,632	17,333	24,463	57,428
5 Gypsum		••		6,058	7,151	5, <del>6</del> 56	18,865
	Manufacturing.						
* Sugar (F	(efined)		¥#	85,256	67,639	22,573	1,75,468
? Hydrog	enated (Vanaspati	ıy)		1,571	1,872	1,716	5,159
8 Refined	oil			330	433	426	1,189
) Tea (Pro	ocessed)		89	6,656	7,322	6,243	20,221
10 Coffee (	Cured)		50	1,087	819	686	2,592
11 Cotton	yarn			17,204	9,288	3,832	30,324
12 Cotton	woven piece good	s	° 000 °	13,571	11,566	1,098	<b>26,23</b> 5
13 Printing	paper		metres.	1,859	2,310	2,343	6,512
14 Tyres (a	ill types)		No-	3,60,116	4,10,920	4,90,255	12,61,291
15 Tubes (	:ll types)		89	3,12,923	2,26,764	2,56,905	7,96,592
6 Superior	r Kerosene		Tonne.	27,023	25,947	17,229	70,199
17 High St	peed Diesel oil		<b>33</b>	40,775	54,455	63,302	1,58,532
18 Ammou	nia		30	36,971	43,982	45,979	1,26,932
19 Caustic	Soda		20	7,783	7,810	7,480	23,073
20 Urea			10	54,717	67,319	72,406	1,94,442
21 Super p	hosphate		**	10,114	11,441	16,118	37,973
22 Mixed	Fertilizer		P.P.	72,076	70,648	57,233	1,99,95?
23 Pesticid	es			1,110	1,559	2,009	4,678
24 Paints.	Enamels		Kilogram.	3,26,040	3,33,638	6,06,559	12,66,237
25 Varnish	nes	1 4	Litre	18,007	28,315	27,943	74,265
26 Safety	matches	٠.	Gross boxes	76,75,189	77,12,686	76,68,542	2,30,56,417
27 Refraci	ories		Tonne	13,314	13,223	11,727	38,364
28 Cemen	t		• •	2,71,666	3,03,461	2,84,017	8,59,144
29 Asbesto	os cement produc	ets	••	6,175	6 <b>,44</b> 4	6,507	19,126
30 Coated	abrasives		Reams	8,376	7,476	9,153	25,005
31 Bonde	l abrasives		Tonne	384	<b>35</b> 9	376	1,119
32 Iron at	id Steel (metal)		,,,	9,782	9,680	9,851	29,313
33 Casting	g (iron and steel)		,,	4,123	3 <b>,95</b> 9	4,354	12,436
	rrous (metal)		,,	2,181	<b>2,11</b> 3	<b>2,</b> 060	6,354
35 Metal	containers (our ires).	m ged	i "	858	<b>89</b> 3	955	2 <b>,70</b> 6
16 Tracto	<b>rs</b>		Namber	448	<b>64</b> 8	744	1,840

**BI 147-**2—10

				_	Prod	uetion during	eont.		Percentage of increase or decrease over Total
				Valt.	July 1979. (P)	August 1979. (P)	September 1979. (P)	Total.	of previous quarter.
	(1) Mining.			(2)	(7)	(\$)	(9)	(10)	(11)
1	Lignite	••		Tenne.	3,19,000	3,21,972	3 <b>,21,97</b> 2@	9,42,944	(+) 8.3
2	Bauxite			**	<b>5,97</b> 0	7,000	<b>7,00</b> 0@	19,970	( <del></del> ) 1·1
3	Limestone		٠.	99	4,41,000	4,23,000	4,23,000@	12,87,000	( <del>+</del> ) 13· <b>2</b>
4	Magnesite		٠.	Se	<b>25,68</b> 3	26,973	2 <b>6,</b> 973 <b>@</b>	79,629	(4-) 38-7
5	Gypsum	• •		n	<b>5,4</b> 96	2,226	2,226@	9,948	( <del>-)</del> 47·3
	Manufactur	lag.							
6	Sugar (Refined)			23	9,829	5,423	5,816	21,068	(—) \$\$∙\$
y	Hydrogonated (Van	apathy	)	. 99	1,834	1,231	1,232	4,297	( <del></del> ) 16·7
8	Refined oil			9.0	527	383	182	1,092	( <del>-</del> ) 8·2
9	Tea (Processed)				3,747	2,953	<b>\$,</b> 097	14,797	() 26.8
10	Coffee (Cured)			39	1,331	868	794	2,993	(+) 15.5
11	Cotton yara		٠.	99	11,557	19,376	21,033	51,966	(+) 71-4
12	Cotton woven price	goods		4 000 *	5,908	10,900	13,104	29,912	(+) 14-0
13	Priting paper			moires. Tonne.	3,321	3,489	2,300	9,100	(+) 39.9
14	Tyres (All types)			Number.	<b>6,28,47</b> 9	6,29,732	1,05,071	13,63,282	(+) 8.1
15	Tubes (All types)			**	3,87,152	3,91,715	81,077	8,59,944	(+) 8.0
16	Superior Kerosene			**	24,827	32,201	33,625	90,653	(+) 29.1
17	High Speed Diesel o	oil		39	<b>5</b> 9,365	55,844	50,874	1,66,083	(+) 4.8
18	Ammonia .			79	35,132	46,480	44,465	1,26,077	(—) 0.₹
19	Caustic Soda .		٠	29	8,877	6,425	6,859	12,161	() 3⋅9
20	Urea		٠	19	64,351	82,340	64,769	2,11,460	(+) 8.8
21	Super phosphate			19	15,617	15,771	11,854	43,242	(+) 13.9
22	Mixed Fertiliser			**	56,131	54,025	61,019	1,71,175	() 14.4
23	Pesticides'		٠.	Tonnes	1,819	1,745	1,083	4,647	() 0∙₹
24	Paints, Enamels		4.	Kilogram,	1,82,866	1,29,228	4,03,337	7,15,431	() 43-5
25	Varnishes		٠.	Litre	8,718	11,823	13,035	33,576	<b>() 54</b> ·8
26	Safety matches	• •	٠.	Gross boxes	76,90,312	98,72,153	1,15,41,651	2,91,04,116	(+) 26-2
27	Refractories		٠.	Tonne	13,527	9,791	12,319	35,637	(—) 7-1
28	Cement			**	3,22,344	3,08,391	2,50,981	8,81,716	(+) 2.6
29	Asbestos coment pr	oducte		**	6,382	6,667	5,962	19,011	() 0-6
30	Coated abrasives		••	Reams	8,963	7,753	8,101	24,817	(-) 0.7
31 1	Bonded a brasives			Tonne	367	320	320	1,007	() 10-0
32	Iron and Steel (meta	1)		71	10,397	10,098	10,413	30,908	(+) 5.4
13	Casting (Ifon and St	eel)	٠.	**	4,528	4,614	4,214	13,356	(+) 7.4
34	Non-Ferrous (Metal)	)	••	**	2,206	2,160	2,107	6,473	(+) 1.9
35	Metal containers (Closures).	Cape a	nd	**	1,009	1,034	841	2,884	(+)6.6
36	Tractors			Number	136	Nil.	<b>2</b> 71	407	()87-9
_	@-Figures relate	to pre	viou	is month.	R-Revised.	P=Provis	nonal.		

4.2 INDUSTRIAL PRODUCTION BY PRODUCTS-cont.

we number and name of the		Pro	oduction during-		
product.	Umit.	April 1979. (R)	мау 1 <b>979.</b> (R)	June 1979 P)	Total.
(1)	(2)	(3)	(4)	(5)	(6)
37 Earth moving Machinery	Number	20	29	65	114
38 High pressure (Boilers and Fittings).	Tonne	4,212	5,814	7,268	17,294
39 Diesel Engines	Number	4,813	4,840	\$,397	15,050
40 Frames	**	104	97	118	319
41 Power Driven Pumps	**	16,522	16,538	14,887	47,947
<b>42</b> Lypewriters	,,	2,709	2,545	<b>1,4</b> 83	7,737
43 Fransformers	KVA	21,893	97,050	68,978	1,87,921
44 Electric Motors	Number	14,035	15,280	14,304	43,619
45 Dry Cells	**	1,02,63,794	72,85,536	1,22,13,000	2,97,62,330
46 Railway Coaches	,,	54	56	56	166
47 Railway Wagons	,,	38	29	40	107
48 Completed Motor Vehilces	,,	230	228	360	718
49 Motor Vehicles Chassis	Jý	1,004	1,074	1,062	3 <b>,14</b> 0
50 Body Building	,,	113	133	116	362
51 Motor Cycles	,,	2,236	2,255	2,053	6,544
\$2 Bicycles	,,	31,753	36,087	33,024	1,69,864
53 Synthetic Gematones	Wilmanson	2,353	2,359	1,788	6,500
M Electricity Generated	) (1911	746-748	678-890	<b>667-47</b> 8	2,093-116

Figures related to previous month.
 R = Revised.
 P = Provisional.

				i	production du	ring.		Persentag of ingreoss of ingreoss over Total
			U	nit. July 19	1979.	1979.	er Total	of previous
				( <i>P</i> )	( <b>P</b> )	(P)		apar <b>ter</b>
(1)	rt.		(2)	(7)	(8)	(9)	(10)	(11)
37 Earth Moving M	achinery	• •	Number	54	28	20	102	() 1 <del>0</del> -3
36 High pressure ( Fittings).	Beilers	bea	Torne	7,279	8,888	9,227	25,394	(+) 46-8
39 Diesel Engines			Muin ber	3,973	3,497	4,273	11,743	() 22:●
40 Frames			De.	197	94	128	329	(+) 5·1
44 Power Driven Pu	iza pë	٠.	D <sub>0</sub> .	14,884	14,567	13,933	46,384	(—) <b>9·</b> \$
4 Typewriters			$\mathbf{D}_{0}$ ,	1,900	2,827	2,466	8,193	(+) 5.9
46 Transfermers	* *		KVA	55,840	44,663	47,900	1,46,412	() 22-1
44 Electric Meters			Mumber	14,340	13,439	10,885	38,664	<b>(</b> ) 11·4
46 Dry Cella			De.	1,00,89,673	1,18,48,041	1,07,23,598	3,23,71,312	(+) 8-8
46 Railway Coaches			De.	62	60	62	184	(+) 10-8
47 Railway Wagons			De.	77	83	48	228	(+) 113-1
48 Completed Motor	Vehicles		Dø.	240	215	118	<b>8</b> 73	() 20-9
49 Motor Vahicles (	Chassis		Do.	1,087	1,001	911	2,999	() 4·5
90 Body Building			De.	127	171	179	477	(+) 31-8
#1 Motor Cycles	* *		Do.	1,172	1,551	928	3,651	<b>(—) 44</b> ·2
2 Bicycles			Do.	27,036	37,317	25,410	<b>89,76</b> 3	() 11-0
53 Synthetic Gemeter	nes	٠.	Hilogram	1,046	1,810	1,471	4,327	() 33-4
34 Electricity General	ted		Million KN	AH 873-962	978-084	818-916	1,667-964	(+) 27-5

4.3. INDEX NUMBERS OF INDUSTRIAL PRODUCTION (1970 - 100).

Apriol	Code num-	Name of Industry.	Index number	er for the mon	th.	Average for the
ber.	ber.	Traine of Issuediff.	April 1979. (R).	May 1979. (R).	June 1979. (P).	enariar ended June
a)	(2)	(3)	(4)	(5)	(6)	1979. (T)
		I. Aliming	102-7	94-6	94-5	97-3
1	101	Lignite	103-0	88-1	88-1	98-1
2	123	Rguntite	104-2	101-3	101.3	102.5
9	190	Stone Quarrying clay and pits	104-1	108-5	106-3	105-3
4	196	Precious and Semi precious stone		• •	• •	e,
6	194	Mics (Crude)		••	• •	•
6	195	G <b>ypsum</b>	<b>7</b> 6·3	90-1	83-0	83-1
		II. Manufacturing	162-9	165-1	161-3	163-1
*	201	Manufacture of dairy products	220-2	229-2	185-5	211-6
8	204	Grain Mill Products	109-2	125.7	105-8	113-6
•	205	Manufacture of Bakery Products	161-2	182-2	204-5	182-6
10	206	Sugar (Refined)	211-9	247-0	92.9	217-1
11	207	Production of Indigencous Sugas	395-3	402-5	154-9	317-6
12	208	Salt	151-8	181-3	216-5	183-2
13	209	Manufacture of Cocoa, Chocolate and sugar confectionery.	78-5	96-2	100-7	91-8
14	210	Vanaspathy	112-8	134-4	130-7	126-0
15	211	Refined oil	36-4	47-8	47-0	43.7
16	212	Tem (Processed)	149-2	164-2	140.0	151-1
17	213	Coffee (Cured) ,.	188-0	141-7	118-7	149-5
18	216	Prepared Animai Feeds	453-1	451-9	492-5	459-1
19	220	Distilling, Rectifying and bleaching of spirits.	141-4	154-2	108-6	134-7
20	224	Soft Drinks and Carbonated water	95.9	101-1	95-7	97.5
21	228	Manufacture of chewing tobacco, Jarda and snuff.	145-2	150-4	150-1	148-€
22	<b>3</b> 31	Cotton spinning weaving and finishing of Cotton Textiles in mills.	114.8	<b>64*</b> 9	<b>36-</b> 3	<b>7</b> 2•€
23	247	Spinning, weaving and finishing of other textiles,	180-3	175-3	133-5	163-0
24	280	Manufacture of pulp, paper and Paper Board including Newsprint.	182-9	199-2	189-6	190-6
25	300	Tyre and Tube Industries	89-1	91.2	107-4	95.9
26	302	Manufecture of Rubber Products n.c.c.	80.3	79.3	<b>78.</b> 9	79.5
27	<b>30</b> 3	Manufacture of plastic products m.e.c. (except house furnishing).	250-9	300-3	342-3	<b>297</b> ·8
**	304	Petroleum Refizeries	123-5	135-0	150-6	136-4
23	310	Manufacture of basic industrial organic and inorganic chemical and gases.	321-8	354-8	350-9	342-5
30	\$11	Manufacture of fertilisers and pesticides.	578-6	616-3	573-4	589-4
<b>\$1</b>	512	Manufacture of paints varnishes and lacquers.	93-0	109-9	124-8	109-2
32	813	Manufacture of drugs and medicines	317-1	487.3	471-9	425-4
23	314	Manufacture of perfumes Cosmeties soap in any form, etc.	190-9	<b>205</b> .7	216-5	204-4

.3 Index Number of Industrial Production (1970 = 100),— $c_0nt$ .

Earlai	Code	Name of todays	Index n	Average		
	ber.	Name of Industry.	July 1979. (P).	August. 1979 (P).	Esptember 1979. (P)	for the quarter anded Söptömber 1979.
(1)	(2)	(3)	(8)	(9)	(10)	(11)
		I. Mining	114-6	114-4	114-4	114-5
1	101	Lignite	108-0	109-0	109-0	108-7
2	123	Bauxite	84.5	99-1	99-1	94-2
3	190	Stone quarrying clay and pits	132.0	131-1	131-1	131-4
4	193	Precious and Semi precious atone			• *	
5	194	Mica (Crude)	14.3	14-3	14.3	14.3
4	195	Gypsum	69.2	28.0	28-0	41.7
		II. Manufacturing	165-5	181-6	187-9	178-3
7	201	Manufacture of dairy products	183.6	183.0	181- <b>3</b>	18 <b>2</b> ·6
8	204	Grain Mill Products	121.7	129-1	133-0	127-9
9	205	Manufacture of Bakery Products	224-4	227-1	205-7	219-1
10	206	Sugar (Refined)	35.9	19-8	21-2	215-6
11	207	Production of Indigeneous Sugar	51.3	23-9	15⋅₹	30-3
12	208	Salt	243-9	245-0	255-2	248.0
13	209	Manufacture of Cocoa Chocolate sugar confectionery.	85.7	97.8	97· <del>7</del>	93.7
14	<b>2</b> 10	Vanaspathy	131.7	88-4	88-4	102.8
15	211	Refined oil	58-2	42-3	20-1	40.2
16	213	Tea (Processed)	140.0	66.2	187-5	129-2
17	213	Coffee (Cured)	230.0	150-2	137-4	172.5
18	216	Prepared Animal Feeds	522-1	540-2	402.7	488-3
19	220	Distilling Rectifying and bleaching of	<b>70</b> B	1044	02.5	
20	224	apiritis. Soft Drinks and Carbonated Water	69.8 8 <b>6</b> ·5	136.6 72.9	92.5 65-0	116·3 74·8
21	228	Manufacture of Chewing tobacco, Jarda and snuff.	143:4	153*2	149-8	140.0
22	231	Cotton spining, weaving and finishing of cotton textiles in mills.	74.8	126.2	137.9	148 <b>·8</b> 113· <del>0</del>
23	247	Spinning weaving and finishing of other textiles.	170-1	281-7	268-9	240-2
24	280	Manufacture of pulp, paper and paper Board including Newsprint.	<b>20</b> 8. <b>9</b>	214.6	160.6	194.7
25	300	Tyre and Tube Industries	142-7	143-3	25.2	103⋅₹
26	302	Manufacture of Rubber Products n.e.c.	91.4	97∙₹	90.9	93.3
27	303	Manufacture of plastic products n.e.c. (except house furnishing).	352-8	343.5	394-8	344-8
28	304	Petroleum Refineries	159-2	151-5	144-4	151-7
29	310	Manufacture of Basic industrial organic and inorganic chemical and gases	313.7	343.4	338.2	331.7
30	311	Manufacture of fertilisers and pesticides.	538-9	588-8	\$56-8	<b>561·5</b>
31	312	Manufacture of paints varnishes and lacquers	47-4	32.3	113-3	44:3
32	\$13	Manufacture of drugs and medicines	392.7	454-6	<b>899-0</b>	41 5-4
36	314	Manufacture of perfumes Cosmetics soap in any form, etc.	212-6	201-9	67-1	100-3

Borial Marin-	Code	Name of Industry,	Indian n	under for the t	wouth,	Average
ber.	bor.	,,	April 1979 (A).	May 1979 (A).	Jane 1979 (P).	for the quarter ended June 1979
(1)	(2)	(3)	(4)	(5)	<b>(6)</b>	(7)
34	316	Manufasture of Turpentine, Synthetic resin and plastic materials, etc.	95.7	134-8	122-4	117-5
14	274	Safety Matches	247-2	341-4	847-0	247.5
36	\$18	Manufacture of explosives ammunition and fire works.	192-4	226-8	252-1	223*8
84	319	Manufacture of Chemical products a.e.e.	196-4	208-3	318-0	218-0
52	120	Manufacture, of Structural clay products.	111-7	111.2	96-7	107-3
59	321	Manufacture of glass and glass products	42.8	27.0	29.9	53-3
40	323	Manufacture of Earthern ware and Por- celain ware.	206-4	<b>225</b> -2	228.0	219-9
41	324	Manufacture of Cement Lime, and Plaster.	136-2	152-2	138-5	142-8
42	326	Manufacture of structural stone goods, stone were, stone dressing and stone crushing.	152-8	133-8	121-5	136-0
43	328	Manufacture of Asbestos cement and other	135-2	141-1	142-5	129-4
44	329	Cement products.  Manufacture of miscellaneous aos-metal mineral products.	137-4	135-4	147-9	140-1
45	330	Iron and Steel Industries	161.5	173-7	175-8	170-2
46	331	Foundries for casting, and forging iron and steel.	146-9	158-0	166-1	157-0
41	339	Other non-ferrous metal Industries	139-5	136.0	135-6	137-0
48	346	Manufacture of fabricated metal products.	153-8	157-3	165-8	159-0
49	343	Manufacture of hand tools and general hardware.	413-0	312-6	347·B	387-6
so	344	Enamel Sign boards and other enamel products.	70-0	100-0	90.0	80.7
51	345	Manufacture of metal utensils cutlery and Kitchenware.	96-4	64-1	72-7	67·¥
<b>\$2</b> .	349	Manufacture of metal products except machinery and Transport equipment N.E.C. like type founding.	117-0	146-1	11 <b>5·7</b>	126-3
<b>5</b> 3	350	Manufacture of Agricultural machinery	247-4	378.9	389-7	338-7
54	351	Manufacture and repair of heavy Machinery and equipment used by construction and mining industries.	61-4	88.1	\$6.9	78-8
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines, and parts.		320-3	392-8	320-2
36	353	Industrial machinery for food textile and Industries.	196-8	188-7	223-0	202-8
\$7	355	Manufacture of refrigerators, Air conditioners, and fire fighting equipment and their parts component and accessories.	15-2	12-1	12-1	13-1
36	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	122-5	154-1	136-3	157-6
50	857	Manufacture of machine tools, their parts and accessories.	214-4	181-6	201-1	199-0
••	358	Manufacture of office computing and accounting machinery and parts.	419·1	105.0	<b>289</b> ·8	<b>532.</b> 0

Ferial star- ber.	Code nitto- ber.	Name of industry.	J.by 1979 (P).	August 1979 (P).	##tember 1979 (P).	Average for the quarter ended September
(1)	(2)	(3)	(8)	(9)	(10)	19 <b>79</b> .
34	316	Manufacture of Turpentine, Synthetic resin and plastic materials, etc.	118-4	132.4	(10) 129·\$	(11) 1 <b>16</b> -9
35	317	Safety M. 10 hes	24 <b>7.7</b>	313.8	318.0	294-8
36	318	Manufacture of explosives and ammunition and fire works.	248-8	350-\$	383-5	327-6
37	319	Manufacture of Chemical products, n.e.c.	336-6	373.2	369 - 7	35 <b>9</b> · 8
18	320	Manufacture of structural clay products	113.7	<b>\$2.5</b>	103⋅5	99.9
39	321	Manufacture of glass and glass products.	••	• •	• •	••
40	323	Manufacture of Earthern ware and Porcelain ware.	219-5	239-1	215-1	124-6
41	324	Manufact: re of Cement, Lime and Plaster.	161.7	154-7	125.9	147-4
42	326	Manufacture of structural stone goods, stone ware, stone dressing and stone crushing.	125-8	121.0	118-9	121.9
43	328	Manufacture of Ashestos cement and other cement products.	139-7	146-0	130-5	138·¥
44	329	Manufacture of miscellaneous non-metal mineral products.	138-1	132-7	134-5	135-1
45	330	Iron and Steel Industries	181.7	170-1	171-7	174-5
46	331	Foundaries for casting and forging iron and steel.	148.8	155-7	206.6	170-4
47	339	Other non-ferrous metal industries	143-6	140-4	135-4	139-8
48	340	Manufacture of fabricated metal products.	199-1	196-4	133-4	176-3
49	343	Manufacture of hand tools and general bardware.	394-2	268-3	355-8	372-8
50	344	Enamel sign boards and other enamel products.		70.0	70.0	46.7
<b>5</b> 1	345	Manufacture of metal utensils autlery and Kitchenware.	75.8	70-3	62-5	69·5
52	349	Manufacture of metal products except machinery and Transport equipment N.E.C. like type founding.	132-1	120-#	120∙₹	124-4
53	350	Manufacture of Agricultural machinery	145-2	90.7	205-8	147-2
54	351	Manufacture and repair of heavy machinery and equipment used by construction and mining industries.	159.0	103-9	74-2	112.4
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines and parts.	376.2	443.2	467-8	429-1
56	353	Industrial macinery for food textile and Industries.	203.0	181-5	242.8	209-1
5 <b>7</b>	355	Monufacture of refrigerators, Air Conditioners and Fire fighting equipments and their parts compoundents and accessories.	12.1	18,2	15,\$	15.2
95	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	123.0	11 <b>3·1</b>	104-7	113-6
**	357	Manufacture of machine tools, their parts and accessories.	214-3	201-9	237-5	219-2
40	358	Manufacture of office computing and accounting machinery and parts	337-4	287.1	275.6	<b>309</b> ·0

Seriai	Code	Many of Laborary	Index n	umber for the	month.	Average
nuni- ber.	num- ber.	Name of Industry.	April 1979 (R).	May 1979 (R).	June 1979 (P).	for the quarter ended June 1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
61	360	Manufacture of electrical machinery and apparatus and parts.	235-7	284.0	228.7	249.5
62	361	Manufacture of insulated wires and cables.	82.7	103.0	160.0	115-2
63	362	Manufacture of dry and wet batteries	109-1	81 1	128-1	106-1
64	363	Manufacture of electrical appratus, appliances and other parts.	72.6	<b>50-0</b>	98.3	73.6
65	364	Manufacture of radio and television trans- mitting and receiving sets.	3.5	20-3	131-4	51-7
66	370	Ship building and repairing	41.7	75.0	75.0	63.9
67	372	Manufacture of railway wagons and coaches and parts.	96.3	97.5	95-9	96.6
68	374	Manufacture of motor vehicles and parts	196-6	203-3	211-9	203-9
69	375	Manufacture of Motor cycles and Scooters and parts.	257-6	259.8	236-5	251 3
70	376	Manufacture of bicycles, cycle-rickshaw and parts.	93.0	103-1	96-6	97-6
71-	3.79	Manufacture of Transport equipment and parts n.e.c.	58-1	86.0	76.7	73-6
72	380	Manufacture of medical, Surgical and Scientific equipment.	49.3	66-4	<b>₫1·3</b>	59-0
73	381	Manufacture of photographic and opitical goods.	15-4.	15:4	15-4	15-4
74	382	Manufacture of watches and clocks	236-1	282-4	244-4	254-3
75	387	Manufacture of Stationery articles n.e.c	52.3	68 · <b>3</b>	52.9	57.8
<b>7</b> 6-	389	Manufacture of miscellaneous products n.e.c.	127-1	127-4	96-5	117-0
		III. ELECTRICI	ΓY.			
77	400	Electricity Generated	167-6	152-3	149.8	156.6
		General Index	161 5	160-6	157-2	159-8
		F-Provisional	R-I	Revised.		

Cont. I	Code			Iudex	number for t	he month
Serial num- ber.	num- ber.	Name of Industry.	July 1979 (P),	August 1979 (P).	September 1979 (P).	Average quarter ended September 1979.
(1)	(2)	(3)	(8)	(9)	(10)	(11)
61	360	Manufacture of electrical machinery and appratus and parts.	222-9	213-4	240-6	225 · 6
62	361	Manufacture of insulated wires and cables.	115.3	111-5	121.7	116-2
63	362	Manufacture of dry and wet batteries	109-6	<b>123</b> ·3	113-4	115-4
64	363	Manufacture of electrical appratus, appliances and other parts.	138-2	755.7	836-0	576-6
65	364	Manufacture of radio and television transmitting and receiving sets.	155-0	156-9	141-1	151.0
66	370	Ship building and repairing	141.7	116.7	141.7	133-4
67	372	Manufacture of railway wagons and coaches and parts.	109.8	106-5	116.2	110-8
68	374	Manufacture of motor vehicles and parts	209-1	172.7	176-6	186-1
69	375	Manufacture of Motor cycles and Scooters and Parts.	135-0	178.7	106.9	140 2
70	376	Manufacture of bicycles, cycle-rickshaw and parts	82-9	107-6	78-8	89 8
71	379	Manufacture of Transport equipment and parts n.e.c.	46.5	58-1	93.0	65-9
72	380	Manufacture of Medical, Surgical and Scientific equipment.	55-5	61-3	47-5	54-8
73	381	Manufacture of photographic and opitical goods.	15-4	« *	••	5.1
74	382	Manufacture of watches and clocks	317-4	127-8	110-9	185-4
<b>7</b> 5	387	Manufacture of stationery articles n.e.c	38-8	57-5	50.3	48.9
76	389	Manufacture of miscellaneous products, n.	e.c. 56.5	97.7	79.4	96.7
		III. ELECTRICITY.				
77	400	Electricity Generated	196-1	219-5	183-2	199-6
		General Index	168-4	185-1	184-6	179 4
		P∞Provisional.	R=R	eviced.		<del></del>

#### V. HANDLOOM.

The production of handloom Cloth in Tamil Nadu during the quarter ended September 1979 was estimated at 161,431,000 metres as against the 167,777,000 metres during the previous quater. The decrease is just 3.78 per cent. This fall in the production of Handloom Cloth was mainly due to the Textile Mills strike throughout Tamil Nadu during the quarter under review. As a result there was a spurt in yarn prices and the weavers were not in a position to get mough yarn.

Amount the different varieties of cloth produced, saree accounted for 29.61 per cent and dhoties, towels, and Lungies for 12.73 per cent, 19.66 per cent and 8.41 per cent respectively. The remaining 29.59 per cent of the production was shared among shirting, bedspreads, carpet, gada, etc.

Out of the total production, cotton fabrics have accounted for 87.55 per cent followed by mixure of Cotton and art silk, artsilk and silk fabrics with 5.29 per cent, 6.46 per cent and 0.79 per cent respectively.



			4	i∙1. Pr	RODUCTI	он о	F HANDLOOM CLOT	u.	(!n 000 matura)
	Var <b>ie</b>	ety of	Cloth.				Quarter ended March 1979.	Quarter ended June 1979.	(in 000 metres) Quarter endad September 1979.
	(	(1)					(2)	(3)	(4)
					A. C	отто	ON.		
1 Dhoties		••			• •	••	19,943	<b>20,5</b> 31	20,379
2 Sarees	••	••	• •	••	••		32,660	33,592	30,023
3 Towels	••			••	••		34,551	35,711	31,731
4 Handkerchi	ofs	••		••	••		541	641	661
5 Lungies			••		••	••	13,488	13,240	13,387
o Bedspreads		••			••	••	12,840	13,233	16,903
7 Angavastra	ms						1,916	1,765	1,678
8 Shirtings			• •				6,499	6,771	<b>6,087</b>
9 Coatings			• •				626	355	308
10 Gada	• •						7,183	7,529	6,576
11 Carpet							8,390	8,225	7,604
12 Curtain Clo	th						922	957	840
13 Pillow Cov	er 'P						1,220	1,272	1,122
14 Pavadai an	d Dha	vani					1,939	2,049	18, 17
15 Others	• •	• •	* *				2,409	2,471	2,214
					Total		1,45,132	1,48,440	1,41,330
						B. SI	LK.		
1 Dhoties							115	134	112
2 Sarces							937	937	978
3 Angavastra	ıms			٠,					
7 Pavadai an	d Dha	vani			• •		11	24	18
5 Others							22	31	21
					Tota	., l	1,085	1,162	1,130
						C. A	art silki		
1 Dhoties		, .					30	35	42
2 Sarees		••	-•				7,801	8,504	8,384
3 Lungies		••		••			98	192	186
4 E ivadai a		avani	٠.				49	41	70
5 ) ) 28	••	••	••	••	٠.	••	1,619	1 498	1,741
					Tot	¦а)	9 <b>,5</b> 97	<b>10,27</b> 0	10,423

5.1	PRODUCTION OF	Live to the	CY AND court

				J 1. 1	KODOCI	(4m 000 material)			
	Vari	er of	Cloth				Quarter ended March 1979.	<b>Quarter end</b> ed June 1979.	(in 000 metres) Quarter ended September 1979.
		(1)					(2)	(3)	(4)
				D. M	IXTUR	E OF	ARTSILK AND	COTTON.	
1 Dhoties							5	5	9
2 Sarees					٠.		7 797	7,753	8,408
3 Others				• •	• •		105	147	131
									<u> </u>
					Tota	1	7,907	7,905	8,548
			GR	AND 1	TOTAL		1,63,721	1,67,777	1,61,431

#### VI. JOINT STOCK COMPANIES

NEW REGISTRATIONS AND LIQUIDATIONS OF JOINT STOCK COMPANIES.

During the quarter ended December 1979, 3 Public companies and 100 private companies were newly registered as against 7 public companies and 74 private companies during the previous quarter.

The total authorised capital of the newly registered public and private Companies during the quarter ended December 1979 was Rs. 1,245.99 lakhs as agains Rs. 866.30 lakhs during the previous quarter.

During this quarter under review as well as the previous quarter no company went into liquidation.

6-1 New REGISTRATION AND LIQUIDATION OF JOINT STOCK COMPANIES.

								New Reg	istration.		
_					•	Number	horised capita	orised capital.			
	Month	4.			Pu	blic. P	rivate	Total.	Public.	Private.	Total.
							m.	(RUPEES IN	LAKHS.)		
		(1)				(2)	(3)	(4)	(5)	(6)	(7)
October 1979						4	30	34	62.00	284.80	346-80
November 1979			4 6	• •		1	35	36	0.20	353.29	353·4 <b>9</b>
December 1979						3	35	38	299.75	245.95	545 • <b>7</b> 0
				Total	••	8	100	108	361.95	884-04	1,245.99
								A CONTRACT C	man and the second second second		

Liauldation.

						Eigenation.					
	*South						ber of compa	mies.	Aut	thorised Cap	ital.
	. 01	<b>u</b>				Public.	Private. Total.		Public.	Private.	Total.
							(1	RUPEES IN L	AKHS)		
						(8)	(9)	(10)	(11)	(13)	(4.34
October 1979	• /		. •				••	- •	••	••	٠ ۵
November 1979							•• •		• •	0.6	,
Desember 1979	• .	• •		••	• •	• •		••	••	••	
				Teta.	ì	•••				7 August 1	
				2 \$100	-			<u> </u>			4 4

## 6.2. Industrial Break-up of New Registration of Joint Stock Companies.

Number of companies.

						_
	Month : O	tober 1979		Month	: November	1979
	Public.	Private.	Total.	Public.	Private	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(0) Agriculture and allied activities		2	2	• •	2	2
(1) Mining and quarrying	••	1	1	• •	• •	• •
(2) Processing and Manufacture of food stuff, textile, leather and product thereof	1	5	6	••	5	5
(3) Processing and Manufacture metal chem and product.	ical	9	9	••	11	<b>i</b> 1
(4) Processing and manufacture not elsewhere classified	•••	4	4	••	2	2
(5) Construction and Utilities	• •	• •	* *	• •	2	2
(6) Commerce (trade and finance)	2	5	7	1	6	7
(7) Transport and Communication service	• •	3	3	• •	2	2
(8) Community and business service	1		1			••
(9) Personal and other services		1	1	••	5	5
Total	4	30	34	1	35	36

Number of Companies.

	Month	1 December 1979.	
	Public.	Private.	Total.
(1)	(8)	(9)	(10)
)) Agriculture and allied activities		• •	••
1) Mining and quarrying		••	
2) Processing and Manufacture of food stuff, textiles, leather and product thereof.	1	\$	6
3) Processing and Manufacture metal, chemical and products	1	14	15
) Processing and manufacture not elsewhere classified	••	7	7
5) Constriction and Utilities	1	2	3
6) Commerce (trade and finance)	••	4	4
7) Transport and Communication service	••	1	1
Community and business service	••	1	1
9) Personal and other services	••	1	1
Total	3	35	38

**7**8

# Industrial Break-up of New Registration of Joint Stock Companies in Tamil Nadu

Authorised Capital rupees in lakhs.

		- 2004		Authorized Capital rapees in taking.							
	Mo	nth : October	1979.	Mon	er 1979						
	Public.	Private.	Total.	Public.	Private.	Total.					
(1)	(11)	(12)	(13)	(14)	(15)	(16)					
Agriculture and allied activities		125.30	125-30		20.00	20-00					
(1) Mining and Quarrying	••	10.00	10-00								
(2) Processing an 1 Manufacturing food stuffs, textiles, leather and Product thereof.	10.00	<b>57·5</b> 0	67-50		55.00	35-00					
(3) Processing and Manufacture of metal, chemical and Products thereof.		33-00	33-00	••	48-30	48∙3●					
(4) Processing and manufacture not elsewhere classified.	••	32.00	32.00	••	15.00	15.00					
(5) Construction and Utilities	* *			- +	6.00	6·00					
(6) Commerce (trade and finance)	51.00	19-00	70.00	0.20	119-99	120-19					
(7) Transport, communication services		3.00	3.00		21.00	21.00					
(8) Community and Bassines services	1.00		1.00								
(9) Personal and Other Services		<b>\$</b> -00	5.00	p 8	68-00	68· <b>00</b>					
Total	62.00	284-80	346-30	0.20	3\$3.29	353-49					



## VII. ELECTRICITY.

## GENERAL CONSUMPTION AND RURAL ELECTRIFICATION

During the quarter ended December 1979, the generation of Electricity was 2,062 million units as against 2,075 million units during the previous quarter.

The total consumption of electricity increased from 2039 million units during the quarter ended June 1979 to 2,138 million units during the quarter ended September 1979.

During the quarter ended December 1979 villages and hamlets were electrified and 10,579 agricultural pumpsets were energised.

7-1. GENERATION OF ELECTRICITY.

Serial number.	Name o)	the P	ower L	louse.		Units Generated.	Used on Auxilliaries.	Net Units.
(1)		(2)				(3)	(4)	(5)
1	Pykara	* *		* *		12,28,06,600	2,75,506	12,25,31,094
2	Moyar					5,13,14,500	1,33,262	5,11,81,238
3	Mettur .					2,70,73,360	2,73,285	2,74,00,075
4	Mettur Tunnel					15,17,01,000	3,18,050	<b>15,13,</b> 8 <b>2,95</b> 0
5	Papanasam					3,34,97,300	1,51,740	33,34,5,560
6	Periyar					16,87,27,750	5,16,160	16,82,15,590
7	Kundha I					9,78,52,000	1,84,200	9 <b>,7</b> 6,67,8 <b>00</b>
3	<b>K</b> tindha I					3,00,74,200	2,03,100	30,05,38,900
9	Kundba III					19,07,13,000	7,27,500	18,99,85,500
10	Kundah IV					88,1,93,100	74,634	8,83,18,466
11	Kundah V					3,03,84,000	80,820	3,03,03,180
12	Sarkarpathy		٠.	1.10		2,56,34,200	23,624	2,56,10,576
13	Aliyar		٠,		• •	6,72,66,000	1,54,960	6,71,11,040
14	Kodayar I	• •				7,38,00,000	1,70,740	7,36,29,260
15	Kodayar II				s +	3,44,28,000	80,555	3,43,47,445
16	Suruliyar					5,68,14,000	1,72,380	5,66,41,620
17	Sholayar I	• •				8,55,89,400	2,19,752	8,53,69,648
18	Sholavar II	• •				65,47,000	40,550	65,06,450
19	M.E.S. (G) B.3	8·P.H.				7,56,59,120	1,11,05,550	6,45,53,570
20	Ennore					35,78,35,000	5,58,55,100	30,19,79,900
21	T.T. P. S.	••				1,45,30,000	33,52,000	1,11,78,000
				Tota	.1	2,06,19,07,330	7,41,13,468	1,98,77,93,30%

## 7.2 POWM PURCHASED.

								Q	<b>M</b> . U.)	
Serial	Source	<b>9.</b>						Import.	Export.	
(1)		(2)						<b>(3)</b>	(4)	
1	Neyvell Ligalto Corporation	••		• •				260.402	• *	
2	Kerala State Bioctricit/ Boar i				••			84 <b>·87</b> 8		
3	Andhra Pradosh Blestricit/ 301s i			• -				5.158	1.372	
4	Kamataka Electricit/ Bosel	••	••	••	••	• •		10.836	4.463	
5	Madras Reducries	••	••	**	••	••	• •	<b>5·0</b> 68		
							-		-	
					£ 38%	1	••	366.342	5.835	

## 7-3. Commensus Bascynictry.

											(1.3 M. U.)
Serial Camber		Casegory.								During the Quarter ended June 1979,	During she Quarter ended Septe nher 1979
(1)				(2)						(3)	(4)
1	Domestic	٠.	٠.							165-327	173:328
Ž	Commercial						.,	٠.	• •	145-327	147.026
3	Industrial			٠.						893-347	1,029.851
4	Public Lighting .				••					20-307	20.107
5	Agriculture					• •		••		598-460	562:234
6	Water Works	* *		• 4						16-328	21.358
7	Sales to Licensees				٠.					45-949	49.114
8	Sales to other Stat	es	• •							123-591	89-331
9	Miscellaneous	* *				• •				29-045	45.471
							Fo	real .	• •	2,038-681	2,137'820

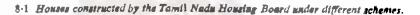
#### 1-4 BORAL BLECTRIFICATION.

Sariai na nher.	*serienhara.	As on 90th September 1979	During 1 at October to 31 at December 1979.	As on 31 of Decemb 1 1979.
<b>(L)</b>	(3)	(3)	(4)	(5)
1	Number of towns, villages, hamlets, electrified	63·404	••	63*404
2	Number of pumpsets energised	867-122	10.579	87 .701

## VIII. HOUSING.

## CONSTRUCTION ACTIVITY OF THE TAMIL NADU HOUSING BOARD

The total number of houses /Flats/apartments/tenements under construction by the Tami Madu Housing Board under different housing schemes during the quarter ended September 1979 was higher at 9,865 as against 7,335 during the previous quarter. During the reporting quarter 1,305 houses/Flats/apartments/tenements were completed. Since inception of the scheme i.e., from 21st April 1961 up to the quarter ended September 1979 an aggregate number of 34,895 houses/flats/apartments/tenements were completed.



Serial	Seh	<b>e</b> me					houses/flats; hts/apartments.		
agmder.	Gare							Completed (Since 21st April 1961 to Q. E. 30th September 1979.	Under Construction 30th September 1979.
(1)			(2)					(3)	(4)
1	Low Income Group Housing						٠.	11,536	3,696
2	Middle Income Group Housing	• •						7,449	1,762
3	Tamil Nadu Government Rental	Hou	sing				٠.	9,967	1,173
4	Subscribed Industrial Housing					• •	• •	2,494	240
5	Slum Improvement/Clearance		. •					15,082	1,363
6	Deposit Works		a +	••	· •				
7	Special Low Cost housing Scheme	e/EW	'S			• •		7,860	1,626
દ	Ancillary								
9	.ªolice		• •		••	• •	••	507	• •
					T	ota i	• •	54,895	),865

### CONSTRUCTION ACTIVITY OF THE TAMIL NADU SLUM CLEARANCE BOARD.

As at the end of September 1979 construction of 7,354 houses/flats/apartments/tenements were in progress under slum improvement/clearance scheme by Tamil Nadu Slum Clearance Board 336 houses/flat/apartments/tenements were completed during the current quarter.

Since inception i.e. September 1970 up to the quarter ended September 1979 houses/flats/apartments/tenements numbering 32,832 were completed.

#### 8.2 HOUSES CONSTRUCTED IN TAMIL NADU BY THE TAMIL NADU SLUM CLEARANCE BOARD.

Serial Rumber.	. Name of the Scheme	Number of houses flats  tenements apartments.			
		Completed (Since inception September 1970 to September 1979.)			
(1)	(2)	(3)	(4)		
1	Slum Improvements/Clearance	32,832	* 7,354		

<sup>\*</sup> Provisional.

## BUILDING APPLICATIONS SANCTIONED BY THE CORPORATION OF MADRAS.

During the quarter ended September 1979 number of permits sanctioned for construction of buildings in Madras, City by the Corporation of Madras rose to 1,834 from 1,229 during the corresponding quarter in 1978.

## 3-3 Number of Permits sanctioned for construction of buildings in fusic and private sectors in Madras City.

Serial	Month-						Year	
#mmber.							1978.	1979.
(1)	(2)						(3)	(4)
ı	July		••	 ••	••		399	624
2	August	••	••	 ••			414	612
3	September		, .	 ••	••		416	598
					Tota	al	1,229	1,834

#### INDEX NUMBERS OF BUILDING COST IN MADRAS CITY

The Index number of Building Cost in Madras City for the quarter ended September 1979 rose by 13 points as compared to the quarter ended June 1979. This was due to all round increase in the prices of different building materials such as brick and tile products, sand, stone and quarry products cement and lime, Timber and countrywood, Iron and Steel materials, Ancillary materials, Electrical fittings, and sanitary wares, etc., and also due to the increase in the wages of labour and other charges.

8.4. INDEX NUMBERS OF BUILDING COST IN MADRAS CITY

				(Вы	<b>197</b>	11-72=	=100)			
<b>Seriel</b> nu <b>mb</b> er.		G	гоир.				Weightage proportional to the total Cost.	Group Index for the Quater ended June 1979. September 1979.		
(1)		(2	.)				(3)	(4)	(5)	
1	Building Materials						67-25	230-66	246-59	
2	Building Labour						16-82	269.66	278-58	
3	Other charges	4.4		••	••	••	15-93	229-10	237-08	
	Index Numbers of B	wilding	cost in	n <b>Ma</b> di	ras Chy		100-00	236-97	250-46	

#### IX. TRANSPORT

## NEW REGISTRATION OF MOTOR-VERCLES.

During the quarter ended September 1979 the total number of Newly Registered Motor Vehicles in Tamil Nadu was 7,147 as against 7,238 during the previous quarter.

The decrease is the new registrations during the quarter ended September 1979 was due to fall in the new registrations of private cars, taxis, other contract carriages and other types of vehicles.

#### 9-1. REGISTRATION OF MOSOR VEHICLES.

	Categor	y of 1	<sup>r</sup> eistelee	).					Quarter ended June 1979.	Quarter ended Septe nber 1979.
		(1)							(2)	(3)
Mator Cycle, Sco	oter and	l Mop	eds	4.			* *		4,963	5,128
Private Care								٠.	603	304
Jeeps and station	wagons		• /						113	136
Taxis				٠.				٠,	71	8
Other soutract of	eriago (/	Lutorio	keha#	a)				٠,	91	41
Buses							.,		318	475
Foods /ehicles	* /		. ,		- 4	• •		٠.	483	582
Others .		•	* 4		. 4	1 4		4	596	473
Oost						. ,		v	7,238	7,147

#### X. PRICES

#### WHOLESALE PRICES OF SELECT COMMODITIES.

When compared with the monthly average wholesale prices prevailed in September 1979, the monthly average wholesale prices of paddy I sort, wheat, Turmeric, Chillies, Pepper, Groundant (with shell), Groundant kernals, Groundant oil, Cotton lint, Tanned Goat Skins and Tanned Sheep Skins declined by 7.5, 16.1, 16.3, 14.4, 9.7, 9.2, 15.8, 15.1, 1.1,4.2 and 11.9 percent respectively in December 1979.

When compared with the monthly average wholesale prices, prevailed in September 1979 the monthly average wholesale prices of the following commodities increased in December, 1979:—

Paddy II sort (0-07), Rice I sort (2-9), Rice II sort (4-9), Cholam (16-7), Cumbu (11-7), Ragi (7-6), Redgramdhall (1-1), Cane-jaggery II Sort (34-2), Palm Jaggery (32-9), Sugar (48-3), Giagelly seed (5-3), caster seed (37-8), Gingelly oil (4-9), Coconut oil (5-6), Ghee-ungraded (0-9), makewnuts with shell ((38-4), Arccanut Husked (4-4), Febacco (6-7) Coir yarn (1-4), Cotton (4-2) and Tanned Cow Hides (20-3).



10-1. MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES.

Serial number and Commodity.							Unit.	January,	February.	I we's.
	(1)						(2)	(3)	(4)	(5)
1	Paddy I Sort .					• •	Quintal	94.99	90-83	90-75
2	Paddy II Sort		٠,			٠.	**	103-06	92-97	92.23
3	Rice I Sort	• •					**	166-91	157-18	157-37
4	Rice II Sort	٠.	٠.			• •	,,	169-95	156-02	148-98
5	Wheat	••					,,	170-31	162-20	160-18
6	Cumbu		٠.			٠.	**	83-09	82-28	81.80
7	Cholan						20	87·1 <b>7</b>	88-29	91-21
8	Ragi		٠.			• •	***	83-69	85-05	85.08
٥	Redgra n Dháll		٠.	٠.			99	433-64	411-14	418-71
10	Turneric		٠.				29	807-75	738-00	621-20
11	Chillies						22	782-13	742-35	623-37
12	Pepper						73	1,900-00	1,836-25	1,839-00
13	Cane Jaggery II So	ort					**	144-65	121.75	128.03
14	Palm Jaggery						29	232-92	249.06	241-91
15	Sugar						13	211.79	211-46	225:00
16	Groundnut (with s	hell)					,,	229-83	222-96	236-43
17	Groundaut (with	out sl	heH)				57	322-17	307·8 <b>6</b>	3:6-11
18	Gingelly Seed						30	370°93	376 <b>.77</b>	374-10
19	Castor Seed						29	184-28	191- <b>21</b>	190.13
20	Coconut (Un-hush	(ed)	* *				1,000 nuts	1,075.00	1,066· <b>67</b>	925-00
21	Gingelly oil				٠		10 Kg.	78-33	73 <b>-53</b>	76.33
22	Groundnut oil						**	71.07	68 <b>-43</b>	72.63
<b>2</b> 3	Coconut oil				1.4	٠,	,,,	118-94	110.68	110.92
24	Ghee (Ungraded)						Quintal	2,250.00	2,234.38	2,136.25
<b>2</b> 5	Cashewnuts (with	shell					59	608.33	620-83	<b>62</b> 8·13
26	Arecanut (husked	)					**	1,006-67	1,000-80	ئو.959·9غ
27	Cotton Lint		* *			١,	,,	1,449.46	1,427.86	1,312.02
28	Tobacco			٠.			,,	766-65	<b>7</b> 71 <b>·13</b>	616.05
29	Coir Yarn						,,	243-33	272.01	303-44
30	Cotton Seed			٠.	• •	٠.	,,	128.59	128-53	133-94
31	Tanned Cow Hig	les			٠.		K.G.	23.58	25.23	27.05
3	2 Tanned Goat Sk	in				• •	**	110-37	118:43	126.72
3	3 Tanned Sheep Si	kins	٠.				,,	138-27	151-43	163 5 ?

10-1 MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES—cont.

	Serial nui	mber i	and C	ommod	ity.		Unit.	April.	May.	June.
		(	1)				(2)	(6)	(7)	(8)
1	Paddy I Sort						Quintal.	96.32	110-91	<b>115·2</b> 3
2	Paddy II Sort						,,	99-53	107· <b>7</b> 0	111.87
3	Rice I Sort	• •					**	163-91	183-41	188-61
4	Rice II Sort						**	156-07	167-60	174 24
5	Wheat	• •		•••		٠.	,,	164-81	158.75	159-75
6	Cumbu		••	• •	• •	٠.	**	86-93	94-44	93 <b>.5</b> 6
7	Cholam	٠.			• •	٠.	25	96.76	98-38	97·8 <b>5</b>
δ	Ragi	٠.		٠.	٠.	٠.	"	87-96	89:04	90.04
9	Redgram Dhall	٠.		٠.	٠.	٠.	23	445.55	452.78	455.94
10	Turmeric	٠.	٠.			<b></b> ,	23	567.75	470.00	447-20
11	Chillies						29	606-18	562-48	<b>598</b> ·7 <b>\$</b>
12	Pepper	• •					>>	1,831-25	1,837-50	1 <b>#63</b> 09
13	Cane Jaggery II So	ort					29	134-81	144·3 <b>1</b>	n <b>il65</b> 514
14	Palm Jaggery						,,	218-50	205.40	226.23
15	Sugar	• •					79	254-21	256-00	лт <b>256-0</b> 6
16	Groundnut (with s	hell)	٠.				Quantity	214.89	200.63	bm <b>21497</b>
17	Groundnut (withou	ut she	:11)				,,	300.46	302-98	vilo339799
18	Gingelly Seed						3.2	362.65	351-05	28.76 <b>44-21</b>
19	Castor Seed						27	181-67	178.50	) 182 <b>·8</b> 7
20	Coconut (Uahusk	ed)	٠.				1,000 nuts	850.00	800-00	• Pingelly oi
21	Gingelly oil						10 Kg.	76.86	75·9 <b>3</b>	. tenbai <b>7662</b>
22	Groundnut oil				• •		27	69.92	69:24	li∋ บอก <b>75⁄80</b>
23	Coconut oil		4 •				<b>49</b>	109.41	105-39	484211 Ungrac
24	Ghee (Ungraded)						Quintal.	2,093-75	2,160.16	r) zlu <b>2;250:00</b>
25	Cashewnuts (with s	shell)					97	640-83	551 <b>-56</b>	Jeuri) tu <b>693&gt;76</b>
26	Arecanut (husked)						,,	1,157-39	1,167-56	<b>Ee4000,</b> Lint
27	Cotton Lint	4.0	* *			• •	99	1,292.38	1,296.71	1,089-00
28	Tobacco						9.9	53 <b>5</b> ·75	575 <sub>.</sub> ∙99	மாக்க்4ர்க
29	Coir Yarn	••		••	• •		**	325.00	332.50	beed 3d51860
30	Cotton Seed	• •	••	••	••		,,	134-67	132-15bi	TREAST COW H
31	Tanned Cow Hide			••	••	••	Ж.Ġ.	<b>27</b> ·78	26 68 ni	Tge & Goat S
32	Tanned Goat Skir	ıs	• •	• •	•	• •	• •	129.07	125-071	Z neesi21125nesi.T
33	Tanned Sheep Skin	ns		• •			**	165 <b>.7</b> 3	165.73	165*73

10-1 MONTHLY AVERAGE WEGLESALE PRICES OF SELECT COMMODITIES—cont.

	Serial	number	and Co	mmodii	ty.		Unit.	July	August. S	eptember.
								<b>(0</b> )	(16)	(11)
1	Paddy I Sort	••			• •		Quintal.	12 <del>0</del> ·14	125-83	126-67
2	Paddy II Sort	••			••	••	**	119-25	124-14	121-57
3	Rice I Sort		• •			• •	**	194-37	202-74	209-82
4	tice II Sort	• •			••	• •	**	184-96	190-20	192-29
5	Wheat		• •	• •	••	••	39	171-13	19 <b>1·8</b> 0	18 <b>7·69</b>
6	Cumbu	• •	• •		· •	• •	"	92-46	94-27	94-61
7	Cholan	••	••	• •	••		**	98-38	101-57	101.02
8	Ragi		• •	••		• •	**	<b>96</b> ·37	101-41	101-64
9	Redgram Dhe	11		• •		• •	99	457·99	473-45	478.04
10	Turmeric			• •	• •		39	443-00	452-00	426· <b>25</b>
11	Chillies	• •	• •				39	657-66	733-10	729-57
12	Pepper		• •			- •	39	1875-00	1,925.00	1,925.00
13	Cano Jaggery	II Sort	• •				39	186-96	202-21	205.86
14	Palm Jaggery				• •		>>	239-53	255.06	265.08
15	Sugar						1)	264-86	282-23	290· <b>96</b>
16	Groundnut (w	rith shel	i)			• •		278.73	31 <b>6·07</b>	308-47
17	Groundnut (w	rithout s	sholl)				,,	409-95	448.42	464.90
18	Gingelly Seed				• •		1,000 nuts	387-68	430 <b>·53</b>	483.74
19	Castor Secd	٠.					**	226.67	238.00	233-33
20	Coconut (Un-	ii is'i∌d	)		• •		, ,	N.T	N.T.	N.T.
21	Gingelly oil				٠.	• •	10 Kg.	87-85	97.54	107-42
22	Groundnut of	i					,,	90-30	102:08	166-92
23	Coconut oil						,,	126-37	131· <b>26</b>	138-04
24	Ghee (Ungrae	ied)					Quintal.	2,301.56	2,350.00	2,294.44
25	Cashewnuts (	with she	ell)				,,	610.88	631-63	632.03
26	Arecanut (hus	ked)			• •		23	1,042-19	1,016-35	1,075.45
27	Cotton Lint	4.6					,,	1,273-11	1.282-45	1,283.96
28	Tobacco						**	561-85	544-53	554-29
29	Coir Yarn	• ••	••	••	••	••	19	350-19	3 <b>62</b> ·81	367-60
30	Cotton See	i	••		••	••	17	149-14	157-49	157.60
31	Tanned Cow	Hides			••	••	K.G.	22.02	21:20	21.20
32	Tanned Gos	t Skins	••		••	••	**	121-92	121-73	121.73
33	Tanned Stee	p Skins					••	168-53	162-80	162-75

10-1 MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES -- cont.

Serial number and Commodity.							Unit.	October.	November.	December.
								(12)	(13)	(14)
1 F	Paddy I Sort	••		••			Quintal.	<b>122</b> ·30	123-97	11 <b>7</b> ·1 <b>5</b>
2 F	Paddy II Sort			••			,,	111:34	114-84	121-65
3 1	Rice I Sort		••		• •	••	"	214.06	<b>228</b> ·15	215.88
4 ]	Rice II Sort		••			••	,,	186.78	199-81	201-66
5 1	Wheat					• •	,,	174:44	175.00	157-50
6	Cumbu	• •		• •		• •	,,	95-52	100.51	110.66
7	Cholam	••		• •		• •	,,	99-94	106.00	117.91
К	Ragi	••	• •	• •			,,	101-54	102.75	109-38
9	Redgram Dhall						77	480-25	478-83	483.25
10	Turmeric						, ,	413.75	380-80	35 <b>7·00</b>
11	Chillies						,,	694.79	652.32	620:49
12	Pepper						,,	1,925.00	1,860.00	1,737.50
13	Cane Jaggery II	Sort					,,	229.79	245.01	276-23
14	Palm Jaggery					()	,,	277-70	287-63	352-33
15	Sugar						,,	276:36	287-35	431-40
15	Groundnut (wit	h shell)					Quintal	298.80	279.08	280.08
17	Groundnut (with	hout sh	ell)				27	425.71	399.05	391-67
18	Gingelly Seed		٠				29	493-10	476.70	509·25
19	Castor Seed		٠.				23	236-40	254-53	321.50
20	Coconut (Unhu	sked)			٠.		1,000 nuts	N.T.	N.T.	N.T.
21	Gingelly oil						10 Kg.	111-32	109-12	112.72
22	Groundnut oil		٠.	• •			27	98.41	95-35	90-81
23	Coconut oil					٠.	**	137-28	146-62	145-78
24	Ghee (Un-grade	ed)	٠,				Quintal.	2,362.50	2,324-30	2,315-63
25	Cashewnuts (w	ith shel	ß)				23	650-78	747-92	875.00
26	Arecanut (husk	ed)	• •	• •	• •	• •	**	1,039-50	1,046-94	1,122 75
27	Cotton Lint	• •	• •				7 >	1,304-77	1,287.04	1,270-20
28		• •	••	••	••	••	,,	575· <del>99</del>	<b>580</b> ·31	591-41
29	Coir Yarn	••	• •	••	••		>>	367-55	368-08	37 <b>2</b> ·59
30	•	••	••	••	• -	••	**	156-60	161-89	164-35
31			••	••	• •	••	K.G.	21-20	22.06	25-50
34			••	••	••	••	"	121-55	121.73	116- <b>67</b>
33	Tunned Sheep	Skins	••	••	••	••	**	162-86	162-86	143-33

10-2 ANNUAL AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES

	Serial number and Commo	al number and Commodity		1975-76.	1976-77.	1977-78.	1978-79
	(1)		(2)	(3)	(4)	(5)	(6)
1	Paddy I Sort		Quintal.	146-83	110.95	110.00	102-17
2	Paddy II Sort		3*	137.78	103-34	103-63	100-90
3	Rice I Sort		**	249.88	182-93	185-94	170-52
4	Rice II Sort		,,	225-94	169-45	171-64	160.05
5	Wheat		. 31	216-94	188-93	179-59	166.25
6	Cholam		,,,	152-82	127-16	122.04	92.58
7	Cumbu		**	152-81	119.00	118-01	88.28
8	Ragi		**	136-32	107-32	111-13	87-13
9	Redgram Dhali		34	254.87	242.88	400-02	463.40
10	Turmeric		**	336.78	428.89	760-30	807-66
11	Chillies		13	1,230-80	636-99	731-34	746-37
12	Pepper		"	1.328-94	1.763.75	1,917-36	1,971-92
13	Cane Jaggery		19	226.42	211-39	166-13	130.87
14	Palm Jaggery		*1	272-59	267.79	223.47	373-11
15	Sugar		29	436-97	455.06	379-88	262-91
16	Groundaut (with shell)		55	185-51	216-86	273-29	217-41
17	Groundnut (without shell	ll)	9 9	291.58	317-06	373 <b>-</b> 30	303.06
18	Gingelly sceds		**	346.70	397-68	408·8 <b>9</b>	352.78
19	Castor Seeds		Quintal	153-17	231-39	252-17	196-83
20	Coconut (unhasked)		1000 nuts	913-46	1,091.73	1,087-17	1,050-0 <b>0</b>
21	Gingelly oil		10 kg	77.46	84.60	88.58	74.96
22	Groundnut oil		Do.	65-14	71-32	81.83	67-32
23	Coconut oil		Do.	84.88	109.92	112-68	124-27
24	Ghee (Ungraded)		Quintal	1,769-43	1,840-44	1,783-61	2,279-92
25	Cashewnuts		Do.	312-47	425-99	763-31	604-43
26	Arecanuts (Husked) .		Do.	812-60	975-10	1,046.49	1,067-71
27	Cotton seeds		Do.	136-47	148-32	158-99	126-48
28	Cotton lint	* **	Do.	894-11	1,217-23	1,330-05	1,389…18
29	Tobacco		Do.	951-19	927-83	837-60	745-64
30	Coir yarn		Do.	208-44	215-38	236-07	252-21
31	Tanned Cow Hides .	• ••	Ķg.	14-60	18.54	16-91	20-40
32	Tanned Goat skins .		Do.	72.08	80.83	74-16	100.96
33	Tanned Sheep skins .		Do.	86·1 <b>6</b>	103-63	96· <b>43</b>	128-95

#### AVERAGE RETAIL PRICES OF SELECT COMMODITIES.

When compared with the average retail prices, prevailed during the last month of the previous quarter (i.e.) September 1979, the average retail prices for the month of December 1979 recorded a downward trend for the following commodities:—

Chillies (10.2 per cent) and turmeric (8.6 per cent).

The average retail prices showed an upward trend during the month of December 1979 as compared to the average prices for the month of September 1979 in respect of the following commodities:—

Rice I sort (4·4 per cent), Rice II sort (6·4 per cent), Cholam (14·4 per cent), Cumbu (15·8) per cent), Ragi (6·0 per cent), Redgram Dhall (4·2 per cent), Cane Jaggery (40·4 per cent), Palm jaggery (32·2 per cent), Sugar (43·2 per cent), salt (4·4 per cent), Coriander (3·5 per cent), Coconut husked (18·2 per cent), Coir yarn (0·7 per cent), Coconut oil (6·3 per cent), Gingelly oil (6·8 per cent), Cotton seed (7·7 per cent), arccanut husked (8·5 per cent) and Tobacco (7·4 per cent).

The average retail prices of wheat, pepper and Ghee agmark remained unchanged during the quarter under review.



## 10.3. MONTHLY AVERAGE RETAIL PRICES OF SMLEET COMMODITIES.

	Сения	dity					Unit	January	February	March
	(1)	)					(2)	19 <b>79.</b> ( <b>3)</b>	1979. <b>(4)</b>	1979. (5)
1	Rice I sort	••	••	••	••	••	Quintal	149-00	176-00	174.00
2	Rice II sort	••	• •	• •	••	••	De.	184-00	169-00	160.00
3	Wheat	••	• •	••	••	••	Do.	191-00	186-00	189 <b>·0</b> 0
4	Cholana	••	••	••	• •	••	Do.	98-00	100-00	101-00
5	Cumbu	••	••		••	٠.	Do.	94.00	94.00	94.00
6	Ragi	••	••	••	••	••	Do.	<b>99</b> ·00	99.00	98.00
7	Redgram dha	H	••	••	• •	••	Kg.	4-83	4.58	4.55
8	Chillies	••	••		••	••	Quintal	996-00	873-00	<b>740-0</b> 0
9	Pepper	• •		• •	• •		Do.	2,150.00	2,150.00	2,130.00
10	Turmeric	• •					Do.	931.00	931•00	743.00
11	Cane Jaggery	• •	* *		• •		Do.	175,00	161-00	163-00
12	Palm Jaggery	• •	• •		٠.		Do.	253-00	293-00	286.00
13	Sugar						Kg.	2.20	2-19	2•37
14	Salt	* *	* *				Do.	0.21	0.21	0.21
15	Coriander	• •	* *	• •			Quintal	310.00	289-00	288.00
16	Coconut (Hu	ked)	• •			• •	100 nuts	115.00	113-00	110-00
17	Ghee (Agmar	k)	* *			• •	Kg.	23.00	22-50	22.80
18	Coir Yarn	***	• •	• •	• •		Quintal	<b>260-0</b> 0	260-00	<b>260•</b> 03
19	Coconut oil				• •	••	Kg.	12-87	12-08	12-13
20	Gingelly oil			• •		••	Do.	8-13	7-95	8.05
21	Cotton seed	* *	• •	• •	• •		Quintal	142-09	144-00	148-00
22	Arecanut (Hu	sked)	• •	• •	• •	• •	Do.	1,790.00	1,875.00	2.45 <b>0</b> ee3
23	Tobacce	• •	• •				Do.	977-00	925 • 00	733.00

10·3-cont.

	Commodit <b>y.</b>							unit-	Apri		May.	June.
	(1)							(2)	19	<b>(6)</b>	1979 (7)	1979 <b>(8)</b>
1 F	lice I sort	• •	• •	••	••	•••	••	Quintal	••	180-00	198-00	203.09
2 I	Rice II sort	••	• •	••	••	••	••	Do	•	<b>16</b> 6 <b>·00</b>	178-00	186.00
3 \	Wheat	••	••	••	••	••	••	Do.		186-00	184-00	180-00
4 (	Cholam	••	••	••	••	•••	••	Do.		103-00	108-00	108· <b>09</b>
5 (	Cumbu	••	• •	••	••	••	••	Do.		98.00	103.00	102-00
6 3	Ragi	• •	••	••	••	••	••	Do.		101-00	103-00	105.00
7 ]	Redgram dhall	••	• •	••	••	••	••	Kg	••	4.74	4.77	4.83
8	Chillies	••	••	••	••	<b>609</b>	••	Quintal	• •	<b>7</b> 13·00	765-00	688· <b>00</b>
9	Pepper · ·	••	••	••	••	••		Do.		2,150.00	2,150.00	2,213.00
10	Furmeric	• •	• •	• •	• •	• •	• •	Do.		719-00	592-00	560· <b>0</b> 0
11	Cane Jaggery	• •	• •	* *	• •	• •	• •	Do.		160.00	171- <b>00</b>	193-00
12	Pal n Jaggery	• •	* *		••	••	• •	Do.		2 52 .00	2 58-00	212.))
13	Sugar	••	• •	••	••	0.0		Kg		2 ⋅62	2 -64	2.65
14	salt	• •	* *		• •	P-0	••	Do.		0.21	0.21	0.51
15	Corlander			•		••	• •	Quintal	* *	319.00	3 <b>2</b> 6- <b>00</b>	125.00
16	Coconut (Au	ske1)	* *			• •		100 nuts		103.00	96.00	25.))
17	Ghee (Agmai	rk)	* *		• •	••	••	Kg		22.00	22.75	24.00
18	Coir Yarn			* *	h 4r	- •		Quintal	• •	260.00	260.00	203-00
19	Coconut oil							ζg	• •	11-93	11.95	12.35
20	Gingelly oil				• •			Do.		3.26	8.04	3.10
31	Cotton seed	:						Quintal		151.00	148.00	132-31
22	\recanut( I	usked)	* *		••	* *	• •	Do.		2,450.00	2,375-00	2,350.00
23	ຄວານຊວ			• •				, Do		658-00	659 <b>·0</b> 0	663 <b>-0</b> 0

10.3					v.	_ •	4	Sent einhor		
						u	nit•	<i>fuly.</i> 1979.	August. 1979.	September. 1979.
	(1	i)					(2)	(9)	(10)	(11)
1 Rice I sort	• •	٠.					Quintal	211.00	218.00	225 00
2 Rice II sort						٠.	Do.	196.00	200.00	204 00
3 Wheat		٠.		- •	• •		Do.	108-00	201.00	208.00
4 Cholam	•		• •				Do.	108.00	111.00	111.00
5 Cumbu						••	Do.	102.00	102.00	101-00
6 Ragi	••				• •		Do.	110.00	115.00	117-00
7 Redgram dhall	••		• •		• •		Kg	4.85	4.96	4.96
8 Chillies			• •				Quintal ,,	725.00	818-00	792.00
9 Pepper			**				Do.	2,200.00	2,200.00	2,200.00
10 Turmeric		٠.					Do.	569-60	583-00	534.00
11 Cane Jaggery							Do.	217.00	238-00	240.00
12 Palm Jaggery							Do.	252.00	274-00	289.00
13 Sugar							Kg	. 2.75	2.94	3.03
14 Salt		* *					Do.	, 0-22	0.22	0.23
15 Coriander			. ,				Quintal	324.00	230.00	313.00
16 Coconut (Husl	ked)						100 nuts	102.00	112-00	121.00
17 Ghee (Agmar)	٤)						Kg	24-25	25.00	25.00
18 Coir Yarn							Quintal	308-00	308-00	308-00
15 Coconutoil		٠,				• •	Kg	13.37	13-83	14.74
20 Gingelly oil			* *				Do.	9.06	10.08	11.06
1 Coouttseed	• •	٠.					Quintal	161.00	169· <b>00</b>	169.00
22 Arecanut (Hus	ked)	* *		0 ts	••	• •	Do.	2,350.00	2,350.00	2,350.00
23 Tobacco							Do.	663.00	675.00	680·0 <b>0</b>

10.3.	MONTHLY	AVERAGE	RETAIL	PRICES	or	SELECT	COMMODITIES-cont.

Serial numbr and Co.	mmodi	ity.	T A V ADOR			Unit.		October 197 <b>9.</b> (12)	November 1979. (13)	December 1979. (14)
1 Rice I sort	••	- •			🤇	Quintal	•	229.00	246.00	235.00
2 Rice II sort		••	••	••		Do.		200.00	216.00	217:00
Wheat						Do.		209:00	206.00	208.00
4 Cholam						Do.		111.00	116.00	127 00
5 Cumbu		••				Do.		105.00	109.00	117:00
6 Ragi						Do.		117:00	117.00	124.00
7 Redgram dhali			· •			Kg		4.99	4.97	5.17
8 Chillies		• •				Quintal		774 <sup>·</sup> 00	732:00	711 00
9 <b>Pepper</b>			* * *			Do.		2,300.00	2,267.00	2,200.00
10 Turmeric						Do.		553.00	505°0 <b>0</b>	488.00
11 Cane Jaggery						Do.		259.00	283.00	337.00
12 Palm Jaggery						Do.		302.00	313.00	382.00
13 Sugar						Kg	٠.	2.90	2.96	4:34
14 Salt						Do.		0.23	0.24	0.24
15 Coriander					. ,	Quintal		316.00	314.00	324.00
i 6 Coconut (Husked)						100 nuts		136.00	135.00	143.00
17 Ghee (Agmark)						Kg		25.00	25.00	25.00
18 Coir Yarn		• •				Quintal		309 00	310.00	310.00
19 Coconut oil						Kg		14.49	15·3 <b>I</b>	15.67
20 Gingelly oil						Do.		11.82	11.42	11.81
21 Cotton seed						Quintal		170.00	172.00	182.00
22 Arecanut (Husked)						Do.		2,350.00	2,530.00	2,550.00
23 Tobacco						Do.		734.00	738:00	741.00

10.4. Annual average retail prices of Select commodities.

Se	rial number and C	ommod	dity.				Unit.		197273•	1973—74.	197475.
			(1)				(2)		(3)	(4)	(5)
1	Rice. I sort				••		Quintal		145.85	155.44	293.60
2	Rice, II sort	٠.		••	• •	• •	Do.		115.22	122.88	267.68
3	Wheat	٠.		••	• •		Do.		187.00	309.75	315.45
4	Cholam	• •	٠.		••		Do.		87.98	95.73	203.40
5	Cumbu	• •		••	• •		Do.		82.36	94.23	191.30
6	Ragi	• •	• •	••	••		Do.		81.12	95.79	109.11
7	Redgram dhall		••	• •	••		Kg.	••	2:44	<b>2·5</b> 9	3.44
8	Chillies	٠.	••	••			Quintal		<b>3</b> 64-61	485.09	737-66
9	Pepper		• •	••			Do.		759.09	807.00	1,217:59
10	Turmeric	٠,			• •		Do.		<b>5</b> 53·18	508.04	478.88
11	Cane Jaggery						Do.		165.17	168-13	176.46
12	Sugar			• •			Kg		3.28	3.70	4.28
13	Salt						Kg		0.12	0.12	0.15
14	Coriander						Quintal		274-46	300-22	<b>37</b> 9 <b>·7</b> 7
15	Coconut (Unhus	iked)					1000 nuts		580.00	1,175.00	1,300.00
16	Ghee (Agmark)					4 .	Kg		14.50	18.10	19.95
17	Palm Jaggery		* *				Quintal		255.73	207.81	236.88
18	Coir Yarn	* >		* *			Do.		145.20	155.94	221.79
19	Coconut oil	• •	* *				Kg		7.50	11.70	12.95
20	Gingelly oil						Do.		6.44	8.39	9.15
21	Cotton seed		* -				Quinta 1		<b>9</b> 7·92	145.55	155:56
22	Arecanut (Unhus	ked)	- •		• •		1000 nuts		N.T.	130-00	N.T.
23	Tobacco			• •	• •		Quintal		619-88	530-50	597•16

bu Husked alies per quintal.

		1	0.4 A	Annual	AVER	AGE RETAII	الأب با		imodities—c	ont.	
Serial Number	and	Comm	odits	<b>,</b> _	U	nit.		1975—76.	1976—77•	1977 <b>─7</b> 8•	1978—79•
				•				(6)	(7)	(8)	(9)
1 Rice I sort	• •		••	••	• •	Quintal		279:55	187.00	159.00	185.00
2 Rice II sort				•		Do		243 <sup>-</sup> 51	180.00	182.00	171.00
3 Wheat	••		••	••	••	Do.		269.48	204:00	200.00	189.00
4 Cholam			••"		••	Do.		170.28	136.00	131.00	104.00
5 Cumbu		••	••	••	••	Do.		159.45	127.00	125.00	101.00
6 Ragi		• •		• •	••	Do.		155.81	119.00	123.00	102.00
7 Redgram dhal	1		••	• •	••	Kg.		2.82	2.72	4.34	5.06
8 Chillies			••	••	••	Quintal		1,303.77	727.00	845 00	846*00
9 Pepper	• •			• •		Do.		1,382.61	2,010.00	2,285 00	2,216 00
10 Turmeric.					• •	Do.		427.95	494.00	849.00	945.00
11 Cane Jaggery	••		• •	••	• •	Do.		245.51	237.00	193.00	164.00
12 Sugar		:.				Кд		4.58	4-66	3.93	2.33
13 Salt	••				,.	Do.		0.16	0.16	0-19	0-22
14 Coriander	٠					Quintal	, .	449-35	710.00	671-00	379:00
15 Coconut (unh	usked)	)	* * *			1000 nuts		814-90*	1,030-00*	1,030-00*	1150-00*
16 Ghee (Agmar	k)			:		Kg		20.78	22.71	22-10	24-16
17 Palm Jaggery	• •					Quintal		319-15	318-00	291-00	246.00
18 Coir Yarn		٠				Do.		244-57	232-00	273.00	239-00
19 Coconut oil	•	• •				Ke		9-47	12-14	12-38	13:24
20 Gingelly of			,3i e	~		- D83		0.22	8-93	9-40	7-93
21 Cotton seed						Quintal		141-93	155-00	171-00	143-00
22 Arecanut (Y)nt	usked	i)			100	0 nuts*		712-50*	712·00*@	1,525-00*@	1845 <sup>.</sup> 00*@
23 Tobbacco					. Q	uintal		1,117-70	1,163-00	652-00	908-00
NOTE; *-Hu	sked.										

\*@-Husked per quintal.

## INDEX NUMBERS OF WHOLESALE PRICES. (Base 1970—71=100)

In the context of changes that have taken place in Agricultural and Industrial Sectors on account of Successive five year plans and other economic policies outlined by Government the revision of an outdated base year of the various Index numbers to a recent base year has been undertaken by this Department. The Index number of wholesale prices in Tamil Nadu and rural price Index number in Tamil Nadu have been revised to the base year 1970—71. The scope and coverage of these indices have also been widened. The methodology adopted has been detailed in the following paragraphs:—

## (1) Wholesale price Index number in Tamil Nadu :-

The old series of wholesale price index number in Tamil Nadu were compiled on a weekly basis with prices as on 21st August 1939 as base year. Now these indices have been replaced by a revised series of Index numbers of wholesale prices in Tamil Nadu, with 1970—71 as base year, following the All India pattern of wholesale price Index numbers. These index numbers are compiled on a weekly basis.

The index basket of the revised series (1970-71=100) contains 177 commodities as against 30 commodities in the present series, the number of quotations being 509. The commodities have been grouped similar to the All India Series, as (i) Primary articles (ii) Fuel, Power, and light and (iii) Manufactured products.

The new series is calculated on the principle of weighted arithmetic mean as adopted in computation of All India series. The Price relatives are calculated as percentage ratios which current price quotations bear to those prevailing in the base period. The commodity index is arrived at as the simple arithmetic average of price relatives of varieties or quotations in different markets. The sub-group, group and the index for the major group is derived as the weighted arithmetic mean of commodity indices. Likewise, the all commodities index is computed as the weighted arithmetic mean of major group indices.

Till now only 30 commodities have been included in working out the wholesale price index numbers with base year 1939 for Tamil Nadu. Since the Coverage of Commodities has been enlarged, the linking factor for 'all Commodities' (General) alone has been worked out by using simple arithmetic conversion method. The Linking factor for the revised series over the old one is 11-92.

10.5. INDEX NUMBERS OF WHOLESALE RRICES.

(Base Year 1970-71=100)

Ser	ial Number	<b>a</b> nd <b>G</b>	гоир.	Primary Food	Articles Inde. 1:0: Pood	x. prinary. <b>Articles</b> .	Fuel power endlight	d All commodi- tics	
Ma	nths 19 <b>7</b> 9	(1)		(2)	(3)	(4)	(5)	(6)	(7)
1	January			 206-87	180.76	196.79	198•24	180.57	189.69
2	February			 193-89	185.09	190-45	198-24	182.94	387-40
3	March			 192•74	185-30	189-83	203.71	183-04	187-29
4	April			 193-22	184-49	189-73	204-85	185-53	188-37
5	Мау			 199•73	185-51	194-15	204.85	188-12	191•84
6	Jume			 207.04	187-07	199-21	205-23	191-04	195,81
7	July			 213-42	191-51	204-77	211.79	194-10	200-30
á	August			 215.74	197-90	268 <b>-57</b>	217.83	197-72	204.09
ý	September			 218•49	199-01	210-67	217-83	199-70	206.07
10	October			 217-82	206-85	213-17	245-87	199-91	208-40
ŧ i	November			 227-39	207-31	19-20	245.87	207-12	214•75
12	December			 233-98	212-23	225-07	245-87	207.70	218-10

CONSUMER PRICE INDEX NUMBERS FOR DIFFERENT CENTRES IN TAMIL NADU.

(BASE: 1960=100)

The Consumer Price Index Number for December 1979 as compared to September 1979 advanced in all the centres viz., Madras City, Cuddalore, Tiruchirapalli, Madurai, Coimbatore, Nagercoil and Coonoor Centres.

As compared with the index for September 1979, the index for December 1979 advanced by 18 points each in Madras City and Cuddalore, by 22 points in Tiruchirapalli, by 29 points in Madurai, by 31 points in Coimbatore, by 46 points in Nagercoil and 21 points in Coonoor.

10.6 CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

				(Base	1960≔	100.)					
	Period.			Madras		Cuddalore.	Tiruchi- rapalli.	Madurai.	Colmba- tore.	Nager- coil.	Coonoor.
	(	1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)
1974					281	296	329	306	282	339	307
1975			• •		325	325	372	352	331	390	314
1976					283	289	313	296	300	<b>3</b> 30	295
1977					306	320	335	328	317	344	312
1978		, .			316	329	358	335	323	363	321
1979											
January					328	337	382	350	331	376	336
February					324	325	371	336	330	360	331
March				• •	325	316	360	340	329	363	330
April					327	326	361	346	332	370	334
May				• •	327	336	361	349	343	374	336
June					334	340	361	350	347	396	340
July					346	359	374	356	353	408	350
August			• •		349	3 <b>7</b> 1	379	364	358	426	354
September				• •	352	374	379	<b>36</b> 8	363	418	360
October				• •	351	370	383	378	36 <b>9</b>	415	360
November		• •		••	362	381	392	375	383	435	367
December		••	• •	••	370	3 <b>92</b>	401	3 <b>97</b>	394	464	381

## 19.7. ALL-INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

\_\_\_\_

		(Base :	1960	<b>=100.)</b>			
		Period.					Index.
1974	 		••			••	304
1975	 ••	••	••	• •	••	••	321
<b>19</b> 76	 		••	••	••	• •	296
1977	 	••	••	••	••	• •	321
1978	 • •	••	• •	••	••	• •	329
1979							
January	 • •	••	••	••	••	• •	332
February	 		• •		• •	• •	329
March	 		• • •		• •	• •	332
Apr:l	 			• •		* *	337
May	 		٠.			• •	339
June	 					• •	345
July	 		٠.			••	353
August	 	• •				• •	360
September						• •	36 <b>3</b>
October	 						365
November						• •	368
December	 			**		* *	374

## CONSUMER PRICE INDEX FOR URBAN NON-MANUAL EMPLOYEES.

(B ce: 1960=100.)

When compared with the index for June 1979, the Consumer Price Index Number for Urban Non-Manual employees in September 1979 advanced by 15 points from 334 to 349 or by 4.5 percent in Madras City, by 13 points from 316 to 329 or by 4.1 percent in Madurai, by 14 points from 322 to 336 or by 4.3 percent in Tiruchirappalli.

As compared with September 1979, the index during December 1979 appreciated by 16 points from 349 to 365 or by 4·6 percent, Madras City by 22 points from 329 to 351 or by 6·7 percent in Madurai, by 19 points from 336 to 355 or by 5·7 percent in Tiruchirappalli.

10.8. CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES.

					(Base: 1960—100.)		
		Period.			Madrąs,	Madural.	Tiruchirappalit.
		(1)			(2)	(3)	(4)
1974					275	264	273
1975	- 4			• •	310	306	313
1976				1	292	285	282
1977		• •			307	291	306
1978		• •			319	299	314
1979							
Janua	ıry	• •		••	328	310	329
Febru	ary				325	301	318
Marc	h				327	301	314
April					329	308	319
Мау					332	312	320
June	. ,				334	316	322
July					343	322	331
Augu	sŧ	• •			345	324	332
Septe	mber		.,	- •	349	329	336
Octo	ber	••			353	334	342
Nove	mber	••	••	••	3 <b>5</b> 7	34 <b>5</b>	349
Dece	m <b>ke</b> r	••	••	••	365	351	355

103 10,9, INDEX NUMBERS OF RURAL PRICES.

(Base: Year 1970-71 -100.)

	Serial n	un <b>sbat</b>	qud M	ouths.	Food.	Fuels and Lighting.	Clothings.	Miscellaneous.	Composit Index.	
		(	1)		(2)	(3)	(4)	(5)	(6)	
197	19—									
1	July				 191.73	239-99	187-11	186-17	194-22	
2	August	••	••		 194•43	22 <b>5·5</b> 7	185-21	187-18	195•40	
3	Septeml	ber		. •	 195-31	231.85	187-40	189-32	196-81	
4	October	•			 195-50	239-53	192-04	188-71	197-67	
5	Novemb	ber			 203-59	248 <b>·79</b>	195-19	196-34	<b>205·5</b> 3	
6	Decemb	er			 210-61	261.57	200-19	198-83	212:46	

10.10 INDER NUMBER OF PARITY.

(Base year 1954-55=100)

			P	eriod.				Index number of prices received by the farmer.	Index number of prices paid by the farmer.	Index o j parity.
				(1)	)			(2)	(3)	(4)
1975								501	553	91
1976								378	507	75
1977								411	539	76
1978								363	547	66
1979								392	60	65
1979-	_									
	July							430	600	72
	Augus	t						419	616	68
5	Septen	iber						432	<b>63</b> 8	<b>6</b> 8
•	acto be	×			• •		••	406	645	63
1	Nove 1	ber	• •				••	128	561	6°
1	Decem	75Ć		. ~		* 1		102	55 (	61

## XI. TRADE.

The total quantum of foreign trade through the ports in Tamil Nadu during the year 1978-79 was of the order of Rs. 1,555 crores, of which exports accounted for Rs. 652 crores and imports Rs. 903 crores. As compared with the year 1977-78, the exports and imports show an increase of 21 per cent and 85 percent respectively.

#### 11-1 IMPORTS AND EXPORTS.

	Serial num	ber an	d name	e of the	Exports.	Imports.	
			(1)			(2)	(3)
						(RUPEES IN L	AKHS.)
1.	Madras	••			 	 38,375	70,481
2.	Cuddalore				 	 	311
3.	lagappttinam	• •			 V	 774	<b>3</b> 04
4.	Tuticorin (Old )	ort)	, .		 	 1,478	1,279
5.	Tuticorin (New	port)			 ••	 4,100	6,718
6.	St. Thomas Mo	unt (A	Air por	t)	 	 20,518	11,188
7.	Tiruchirappalli	(Air p	ort)		 	 2	
					Total	 65,247	90,281

## XII. LABOUR AND EMPLOYMENT.

During the quarter ended December 1979 the number who had registered their names with the Employment Exchanges were 91,975 as against 1,27,482 during the previous quarter. This showed a decrease of 27.8 per cent. The number of persons placed in employment through the exchanges during the quarter under review was 14,514 while during the previous quarter to 13,145 were placed in employment. Thus there was an increase of 10.4 percent in placements.

The number of persons on the live Register at the end of the quarter ended September 1979 and December 1979, were 9,65,623 and 9,64,688 respectively.

#### 12.1 REGISTRATIONS AND PLACEMENTS THROUGH THE EMPLOYMENT EXCHANGES BY DISTRICTS.

		D1 / 1					Number of persons on the live Register,				
		Distric	7.			OF.	September 1979.	December 1979.	percentage		
		(1	)				(2)	(3)	Variation. (4)		
Madras							1,90,124	1,81,371	- 4.6		
Chengalpattu							92,221	94,524	+ 2.5		
South Arcot						, .	51,771	50,560	- 2.3		
North Arcot							64,227	64,689	0.7		
Salem							62,573	62,598			
Periyar											
Dharmapuri							28,407	33,323	+ 17.3		
Coimbatore							74,868	74,169	- 0.9		
Tiruchirapalli							88,045	85,971	- 2.4		
Thanjavur							62,356	64,165	+ 2.9		
Pudukkottai							18,187	18,338	+ 0.8		
Madurai							68,900	69,633	+ i.i		
Ramanathapurat	m						34,062	34,595	+ 1.6		
Tirunelveli			••		.,		59,136	59,429	+ 0.5		
Kanniyakumari		••			••		42,761	42,810	+ 09		
The Nilgir's	••	••	••	••		••	27,985	29.513	+ 1.9		
				81	ATE	• •	9,65,623	9,64,688	3 0,1		

TABLE 12.1—cont

REGISTRATION AND PLACEMENTS THROUGH THE EMPLOYMENT EXCHANGES BY DISTRICT.

Registration durin the quarter ended.

District.											
	Dis	erict.					Quarter ended Sentember 1979.	Quarter ended December 1979.	percentage variation.		
		(1	)				(5)	(6)	(7)		
Madras							23,754	17,610	<b>— 25.9</b>		
Chengalpettu						. ,	13,234	10,040	24.1		
South Arcot							8,739	5,420	30.0		
North Arcot							7,533	5,824	22.7		
Salem							7,549	5,883	— 22.1		
Periyar							• •	• •			
Dharmapuri							3,472	3,687	+ 6.2		
Coimbatore		• •					9,038	5,552	— <b>38.6</b>		
Thiru¢hirppalli							10,246	6,360	<b>— 37.9</b>		
Tanjhavur			* *				8,940	7,464	16.5		
Pudukkottai							2,100	1,553	<b>– 26</b> ·0		
Madurai							11,488	7,508	<b>— 34.6</b>		
Ramanathapuran	1						6,422	4,493	— 30,0		
Tirunelveli	* *	, ,	٠.				8,296	5,784	- 30.3		
Kacniyakumari The Nilgris							3,915 <b>2,756</b>	2,851 1,946	27·2 29.4		
•			_		TATE		1,27,482	91,975	- 27.8		

		-					Placements durin the a		
		Dis	rict.				Quarter ended September 7979.	Quarter ended December 1979.	variation.
							(8)	(9)	(10)
Madras							1,741	3,459	+ 98.7
Chengalpattu							724	493	— 31.9
South Arcot							2,387	582	<b>— 75</b> .6
North Arcot							714	911	+ 27.6
Salem	٠.				• •		721	860	+ 19.3
Periyar			• •			• •	••	••	• •
Dharmapuri			• •			••	559	<b>64</b> 2	+ 14.8
Coimbatore	• •			••			1,272	<b>7</b> 32	— 42·5
Tiruchirappalli					٠.	••	449	<b>7</b> 10	+ 58.1
Thenjavur	• •						1,152	2,069	+ 79.6
Pudukkottai							176	224	+ 27.3
Madurai			• •				1,131	1,342	+ 18.7
Ramanathapuran	m	• •					779	436	<b>— 44</b> ·0
Lruncive; i				••			<b>75</b> 1	1,389	+ 85.0
Kanniyakumari						• •	742	<b>452</b>	+ 86,8
The Nilgirle			• •	-			347	213	— 38.6
				<b>\$</b> T	ATE		13,145	14,514	+ 10.4

### PLANTATION LABOUR.

During the Quarter ended September, 1979, there were 322 registered plantations. Comprising of 140 Tea, 145 Coffiee, 31 Rubber and 6 Cinchona Estates, out of which 250 estates furnished plantation labour Statistics in Form 'D' comprising of 110 Tea, 107 Coffee, 29 Rubber and 4 Cinchona Estates as against 256 Estates in the corresponding quarter of the previous year.

The Plantations.—The total number of workers employed in Tea Plantations were 60, 430 during the quarter under review as against 56,705 in the corresponding quarter of the previous year, i.e. September, 1978. The percentage of permanent workers to total number of workers was 89 per cent during the quarter ended September, 1979, whereas it was 94 per cent in the corresponding quarter of the previous year. The decrease in the percentage of permanent workers during the quarter under review was due to the more employment of Temporary workers. During the quarter under review, the average daily attendance of permanent workers were 43,930 as against 45,105 in the corresponding quarter of the previous year. The average daily earnings of permanent workers under Garden Men, Women and Minor were Rs. 8.75, Rs. 9.61 and Rs. 5.77 during the quarter ended September 1979 as against Rs. 7.89, Rs. 7.93 and Rs. 5.75 respectively in the corresponding quarter of the previous year.

Coffee Plantations.—9,317 workers were employed in coffee plantations during the quarter ended September, 1979 as against 7,706 in the corresponding quarter of the previous year. During the quarter under review, 5,627 workers were permanent as against 4,846 during the quarter ended September, 1978. An average earnings of Rs. 6.47, Rs. 6.03 and Rs. 2.41 were earned by the Men, Women and Minors Garden Labour temporary workers in September, 1979 quarter ended. Where as Rs. 5.92, Rs. 4.87 and Rs. 1.62 respectively during the corresponding quarter of the previous year.

Rubber plantations.—During the quarter ended September, 1979, 3,939 workers were employed in Rubber plantations as against 4,482 in the Corresponding quarter of the previous year viz. September, 1978. The decrease in total number of workers in Rubber Plantations during the quarter under review was due to strike and lay off ordered by some of the estate owners in the last month of the quarter under review. The average doily earnings of Garden Labour permanent men and women workers in September, 1979 quarter ended were Rs. 11.71 and Rs. 9.94 as against Rs. 10.08 and Rs. 6.95 respectively during the quarter ended September, 1978.

Cinchona plantations.—2,645 workers were employed in cinchona plantations during the quarter ended under review whereas 2,642 employed in the corresponding quarter of the previous year i.e, September, 1978. The percentage of permanent workers to total number of workers was 74 per cent as against 55 per cent during the quarter ended September, 1978. During the quarter ended the percentage of average daily attendance was 87 per cent whereas it was 76 per cent in the corresponding quarter of the previous year viz. September, 1978. The average earnings were Rs. 6.93, Rs. 6.15 and Rs. 4.00 respectively in respect of Garden Labour temporary men, women and minor workers during the quarter ended September, 1979 as against Rs. 5.82, Rs. 4.72 and Rs. 3.98 respectively during the quarter ended September, 1978.

# 12.2. Number of Plantations Registered and Reported.

							30th Septe	mber 1978.	30th Septe	mber 1979.
	Nam	e of Pla	antatio)	n.			Number of Plantations registered.	Number of Plantation reported.	Number of Plantations registered.	Nu.nber of Plantations reports!
			(1)				(2)	(3)	(4)	(3)
Гэа							142	122	140	110
Coilos							137	101	145	1)7
Rubber						••	29	29	31	29
Cinchena	٠	••		• •	••	••	5	4	б	4
				To	o <b>sa</b> l		313	256	322	250

## 12.3. PERCENTAGE OF PERMANENT WORKERS TO TOTAL NUMBER OF WORKERS IN PLANTATIONS.

•	<b>.</b>	. C al		30 <i>th</i>	September 1	978.	30th September 1979.			
	ane d lantat			Total number of workers.	Number of Permanent workers.	Percentage.	Total number of workers,	Number of Permanent workers.	Percentage.	
		(1)		(2)	(3)	(4)	(5)	(6)	(7)	
Tea				 56,705	53,269	94	60,430	53,643	89	
Coffee				 7,706	4,846	63	9,317	5,627	60	
<b>Łubber</b>			.,	 4,482	1,502	34	3,939	1,433	36	
Cinchona		٠.		 2,642	1,451	55	2,645	1,948	74	

## 12.4. PERCENTAGE OF AVERAGE DAILY ATTENDANCE OF PERMANENT WORKERS IN PLANTATIONS.

					30th Sep	tember 1978.		30th September 1979.				
				(	Total number of Permanent Workers.	Average daily attendance.	Percentage.	Total number of Permanent workers.	Average daily attendance.	Percentage.		
		(1)			(2)	(3)	(4)	(5)	(6)	(7)		
Ton		••		••	53,269	45,105	85	53,643	43,930	81		
Coffee	••	• •	• •		4,846	3,904	81	5,627	3,846	68		
Rubber	••		••	• •	1,502	1,341	89	1,433	1,212	35		
Cinchena	• •	••	••	• •	1,451	1,101	76	1,948	1,702	87		

## 12.5. Average Daily earnings of workers in Plantations.

Carr		f Diama			t.		30th September 1978.				
Cale	gory oj	f Planta	itions a	na w <b>or</b> :	cers.	(	Garden L	abour.	Outside [s	abour.	
						•	P.	$\overline{T}$ .	Р.	/.	
			(1)				(2)	(3)	(4)	(5)	
							Rs. P.	Rs. P.	RS. P.	18. P.	
rea— Men							7.89	6.97	7.96	7.41	
Wemen	• •	• •					7.93	7.37	9.10	7.32	
Minors		• •					5.75	5.97	• •	••	
1. Jo fee-	٠.						6.74	5.92	5.76	1.54	
V) aon	• •	* *	* *		٠.		6.79	4.87	6.02	4.44	
finors							6.81	1.62		1.33	
3. ₹ibber— √len	. ,.						10.08	8.83	10.87	7.36	
vo nen		٠,					6.95	8.31	3.58		
Minors								.47			
4. Cinctona Men	·	• •					7,20	5.82		š.	
No nen		٠,				11.50	7.36	1.72		5.50	
สโบกร							4.53	3.98		3.32	

								30th Sept	ember 197).	_
Category	of Ela	ntation:	s and w	orkers.			Garden L	abour.	Outside Gabour.	
							Р.	T.	7.	<i>r.</i>
		(1)	)—coni	t.			(6)	(7)	(3)	<b>(</b> 2)
							RS. P.	RS. P.	RS. P.	<b>45.</b> →.
i. Fea— Men							8.75	8.00	7.72	7.31
'Vomen	• •	• •	• •			* *	9.61	8,44	3,09	1.89
Minors	••		* *				5.77	4.53	* *	
2. Co fee— Men	••			••	••		6.62	<b>6'4</b> 7	5.41	4.95
Women					٠.	•••	6.56	6.03	5.39	4.79
Minors			• •				6.00	2.41		3.37
Rubber Men	•••				••		11.71	9.01	12.62	8,93
Women		• •		• •			9.94	8.54	10.20	6.24
Minors					٠.		••	5.19		3.06
Cinchona Men	<b>-</b>						6.50	6.93	••	6.99
Women		• •	••	٠.			7.55	6.15	• •	6.95
Minors								4.00	• •	2.05

T. — Temporary.

P. - Permanent.

XIII LOCAL BODIES

As on 31st March 1978, there were 2 Corporations, 3 Special Grade, 10 Selection Grade, 25 First Grade, 33 Second Grade, 25 Third Grade Municipalities and 8 Township Committees in the State.

13.1. Area and Population of Municipal Councils (as on 31st March 1978).

	Serial number an	ıd grad	le of th	e mui	nicpalii	ties.	Number of Municipalities.	Area as per 1971 Census Sq. Kilo metre.	Population as per 1971, census number.
		(	1)				(2)	(3)	(4)
į.	Corporations					••	2	148.92	30,18,563
2.	Special Grade						3	65.05	9,72,484
3.	Selection Grade	• •					10	139.97	10,06,945
4.	First Grade						25	323.07	16,13,344
5.	Second Grade			* 4			33	400 92	15,06,436
o.	Third Grade	A - P		* "			25	410.80	6,82,178
7,	Township Commit	tees					8	135.14	2,06,169
	70								
	Total f	or the	State				106	1,623.87	90,06,119

13.2. Sanitation facilities in Municipal Councils 1977-78.

	Seria i number e Municip	and Gr alities.	ade of	the		Total number of houses.	Number of houses provided with (Private) latrine.		
							Flushout.	Dry.	
		(1)				(2)	(3)	(4)	
1.	Corporations			• •		1,99,901	1,82,718	8,686	
2.	Special Grade					1,52,172	37,076	66,738	
3.	Selection Grade	• •				1,97,966	<b>36,</b> 969	1,19,001	
4.	First Grade					3,24,636	45,487	1,27,757	
5.	Second Grade					3,03,221	24,724	1,23,219	
6.	Third Grade					1,63,975	10,138	48,774	
7.	Township Commi	ttices	• •		••	50,639	11,899	9,609	
	Total	for th	• State	Ð	••	13,92,401	3,49,011	5,03,794	

	Serial number Munici			the		Number of latrines i	n une.	Urinals	Public	Length of	
		2 400			Flushout.		Dry.	only.	baths.	Drainage in K.ns.	
	1	(1)—-c	ont.			(5)	(6)	(7)	(8)	(9)	
1.	Corporations				.,	800	34	116	525	1,575.5	
2.	Special Grade	٠.		. •		123	193	27	8	420,4	
3.	Selection Grade					119	729	44	37	520.3	
4.	First Grade				273	217	535.	123	38	688.2	
5.	Second Grade					93	425	112	16	610.8	
€.	Third Grade	٠.				39	193	98	3	211.6	
<b>7</b> .	Township Comm	ilttees			• •	97	89	28	2	14.5	
	Total for	thr Sta	1(0	• •		1,567	2,044	548	629	4,041,3	

13.3. WATER SUPPLY IN MUNICIPAL COUNCILS -- 1977-78.

\$ <b>E</b>	rial number and grade the Municipalities.	i of		Length of pipe lines in operation K.M.	Number of house connection: given till the end of the year.		er of i	vi 1-78. water-tax llection.	Other receipts.	Total runniug charges.
	(1)			(2)	(3)	(4)	(9	9)	(6)	(7)
1.	Corporations .	•	••	1,417.03	1,21,493	9,641	89,59	137 9	1,58,610	1,90,58,568
2.	Special Grade .	•		516-72	55,321	3,495	129,18	265 2	2,46,652	1,40,68,569
3.	Selection Grade .		**	<b>584.01</b>	63,032	3,591	90,23,	,067 5	6,82,269	81,68,400
4.	First Grade	••		788.38	67,013	6,561	72,68	<b>,37</b> 0 2	8,65,169	83,03,360
5.	Second Grade	••	••	938.21	47,040	3,178	69,14	,108 3	4,20,449	68,93,921
6.	Third Grade .		••	276.85	18,209	2,276	21,23	<b>,5</b> 49	9,50,243	21,04,474
7.	Township Committe	200	••	84-52	3,418	429	12,44,	580	49,995	11,64,562,
	Tetal for the S	tato	• •	4,605.72	3,75,526	29,171	4,84,51,	076 2,43	,73,387	5,97,62,254

13.4 STREET LIGHTING IN MUNICIPAL COUNCILS-1977-78.

Serial number and Grade of Municipalities.			9		Electric Mercury, Vapour Lamps, Fluroscent tube lights, flood lights.	Ordinary lights.	Other than electric lights.	Total.
	(1)				(2)	(3)	(4)	(5)
1.	Corporations				48,599	3,297	• •	51,894
2,	Special Grade				17,334	5,671	• •	23,005
3.	Selection Grade			77.	20,119	11,492		31,161
4.	First Grade	• •			34,610	8,458	••	43,068
· 5.	Second Grade	•.•			25,403	7,078	7	32,488
6.	Third Grade	4:1	-10	•.•	9,964	6,416	<b>•.•</b>	16 380
7.	Township Committee	3	••	••	5,084	1,391	13	6,488
	Total for the St	ate	••	• •	1,61,113	43,803	20	2,04,936

## 13.5. LENGTH OF ROADS IN MUNICIPAL COUNCILS, 1977-78.

Length of roads maintained by municipalities. Serial number and Grade of Municipalities. Water bound Un-surfaced. Macadam. Concrete. Bituminious. Total. (1) (2) (3) (4) (5) (6) (IN KILO METERS.) Corporations ... 133.880 1306.272 98.130 76.756 1615.038 447.274 80.994 2 Special Grade ... 23.982 629.106 76.856 3 Selection Grade 158,206 573.892 142.724 101.564 976.386 4 First Grade 838.857 291.451 235.124 1590.511 225.079 Second Grade . . 204.957 566.407 342,246 262.597 1,376.207 Third Grade ... 188.978 122.136 304-182 650.772 35.476

9-710

844-164

109.843

4031.523

100.410

1178.091

308.096

7146.116

88-133

1092,338

13.6	RECEIPTS	AND	EXPENDITURE	OF	MUNICIPAL	COUNCIL-1977-78.

	Serial ni	umber inicipa		ide of		Total receipts of municipalities.	Total expenditure municipalities.	
			(1)			(2)	(2)	
Corporations						45,90,76,100	38,44,16,270	
Special Grade					, .	16,38,99,471	15,08,01,550	
Selection Grade		- •				12,37,70,800	10,67,68,057	
First Grade	д +					13,89,18,575	13,30,04,414	
Second Grade						8,91,72,645	8,49,29,423	
Third Grade					••	3,11,69,387	2,82,29,236	
fownship Comm	nittees		••			2,22,23,300	1,83,21,135	
	rotai to	r the S	tate		••	1,02,82,30,278	90,64,70,091	

Township Committees

Total for the State ...

### XIV STATE FINANCE

### RECEIPTS AND EXPENDITURE ON REVENUE ACCOUNT

The receipts under Revenue account for 1979-80 was Rs. 84,983 lakhs (Budget Estimates) as against Rs. 73,349 lakhs (Revised Estimate) for the previous year.

The expenditure under Revenue Account was Rs. 84,925 lakhs (Budget Estimate) as against Rs. 76,537 lakhs (Revised Estimates) for the previous year.

There was a surplus of Rs. 58 lakhs in 1979-80 (Budget Estimates) while there was deficit of Rs. 3188 lakhs in the previous year (Revised Estimates).

### 14.1. RECEIPTS AND EXPENDITURE ON REVENUE ACCOUNT.

	(ryfees i	N LAKIII.)
Revenue Receipts	73,	,349 <b>84,98</b> 3
Expenditure on Revenue Account 70,61	12 76,	,53 <b>7 84,926</b>
Revenue Surplus (+) or deficit (-) (**) 2,40	07 () 3,	,188 (+) 58

#### XV. STATE INCOME OF TAMIL NADU

#### STATE INCOME OF TAMILNADU.

According to Quick Estimate framed by this department the Net State Domestic product for Tamil Nadu in real terms, i.e., at 1970-71 prices, stood at Rs. 3,223.98 crores as against Rs. 2,911.83 crores in the previous year registering a growth of 10.7 per cent. The estimates for the years 1976-77 to 1977-78 were revised with reference to a latest data available. The percapita income during the year stood at Rs. 702 registering 9.2 per cent increase over the previous years. The primary sector generally commands the trend in State income accounting for 38.2 percent of total Net State Demostic product during the year 1978-79 with growth of 12.1 per cent over the previous year. This is mainly attributed to the performance in agricultural front. A bumper harvest of food-grains to the tune of 83.2 lakhs tonnes during the year supplimented by a substantial increase in commercial crop production have been mainly responsible for the increase in the primary sector. The secondary sector also performed impressively during the year with an increase of 13.1 per cent over the previous year. Of these, registered sector which is the major one amoung the secondary sector forged ahead with an increase of 16.3 per cent during 1978-79 considerably a high rate of growth. The income from Electricity, gas and water supply also continued to register an increase of 14.4 per cent during 1978-79. The tertiary continued to maintain sizable increase during 1978-79 also.

At current prices the State and Percapita income during 1978-79 is estimated as Rs. 5,281.12 erores and Rs. 1,151 respectively.



15.1. NET STATE DOMESTIC PRODUCT OF INDUSTRY OF ORIGIN BY CURRENT PRICES.

	Industry.		1975-76 (by R	1976-77 eveisd estimate)	1977-78	1978-79 (Quick
	(1)		(2)	(3)	(4)	Estimates) (5)
			0	RUPEES IN LAKE	<b>s.</b> )	
1	Agriculture		1,12,944	1,31,296	1,39,708	1,62,781
2	Forestry and Logging	••	1,148	1,598	2,356	2,299
3	Fishing	••	3,105	3,415	3,539	4,095
4	Mining and Quarrying		1,681	1,819	1,887	1,840
5	Sub-total		1,18,878	1,38,128	1,47,490	1,71,015
	(1) Manufacturing (Registered)	••	<b>52,</b> 893	16,638	75,109	86,961
	(2) Manufacturing (unregistered)	• •	32,853	33,847	36,401	36,910
6	Construction		22,647	27,136	32,514	38,958
7	Electricity, Gas and Water supply		6,267	8,219	7,488	7,867
	Sub-total		1,14,660	1,30,840	1,51,506	1,70,696
8	(1) Railways		4,439	4,712	4,856	5,008
	(2) Transport by other means and storage		13,733	19,528	22,368	23,519
	(3) Communication		4,291	5,635	6,297	7,037
9	Trade, Hotels and Restaurants		53,993	60,712	67,867	75,499
	Sub-total		<b>76,</b> 456	90,587	1,01,390	1,11,063
10	Banking and Insurance		14,865	16,282	17,700	19,242
11	Real estate and ownership of dwellings business services	and	11,141	12,153	13,463	14,926
	Sub-total		26,006	28,435	31,163	34,168
12	Public Administration		15,381	15,899	17,874	19,868
13	Other Services		18,405	18,985	19,754	21,302
14	Sub-total		33,786	34,884	37,623	41,170
15	N.S.D.P. at Factor cost		3,69,786	4,22,874	4,69,177	5,28,112
16	Estimated population (in lakhs)		440	446	453	459
	Per capita income (in Rs.)		840	948	1,036	1,151

15.2 Net State domestic product by industry or origin at constant prices (1970-71).

	Industry.			19 <b>75-76.</b> R. (2)	1976-77, R. (3)	1977-78, <b>3.</b> (4)	1978-79. Q.E. (>)
					(RUPEES IN LA	KHS.)	
1	Agriculture		••	9,57,20	8,99,02	10,53,79	11,86,44
2	Forestry and Logging :			556	562	651	880
3	Fishing		• •	29,54	28,11	28,74	27,18
4	Mining and quarrying	• •		849	943	875	860
5	Sub-Total	••	••	10,00,79	9,42,18	<b>10,97,</b> 79	12,31,02
	(1) Manufacturing (Registered)	••	••	2,83,77	3,05,28	3,11,44	3,62,13
	(2) Manufacturing (Unregistered)		• •	1,91,43	1,91,55	2,03,13	2 <b>,05,</b> 97
6	Construction	• •	••	1,38,01	1,63,37	1,96,14	2,37,41
7	Electricity Gas and Watersupply			45,02	46,95	53,70	61,44
	Subtotal			6,58,23	70,175	7,66,41	8,66,95
	Railways			35,62	32,84	33,55	34,58
	(1) Transport by other means and	storage		89,70	90,95	97,90	1,02,70
	(3) Communication			33,02	34,91	36,81	41,14
9	Trade, Hotels and Restaurants			3,65,46	3,61,51	4,04,96	4,46,57
	Sub total			5,23,80	5,20,21	5,73,22	6,24,99
10	Banking and Insurances			69,92	78,04	86,68	94,27
11	Real estate and ownership of dwo	ellings a	nd	97,03	1,01,27	1,06,89	1,10,89
	Sub-total			1,66,95	1,79,31	1,92,57	2,05,16
12	Public Administration			1,27,49	1,27,80	1,41,55	1,52,82
13	Other Services		• •	1,34,44	1,37,97	1,40,29	1,43,04
	Sub-total			2,61,93	2,65,77	29,11,83	32,23,98
14	N.S.D.P. at Factor cost			26,11,70	26,14,62	29,11,83	32,22,98
15	Estimated population (in lakhs)			440	446	53	459
	Per Capita income (in Rs.)			594	586	643	702

R.-Revised estimates.

Q.E.—Quick estimates.

